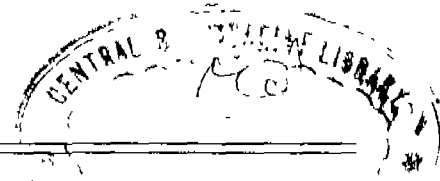




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
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NEW DELHI, SATURDAY, AUGUST 11, 2001 (SRAVANA 20, 1923)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
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Fax No. 011 576 6204.

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Telegraphic address "PATENTOFIS"
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 5th, 6th & 7th Floors,
 234/4, Acharya Jagadish Bose Road,
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पेटेंट कार्यालय एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 11 अगस्त 2001

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप से प्रदर्शित हैं :--

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
 तीसरा तल, लोअर परेल (प.),
 मुम्बई - 400 013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
 तथा गोआ राज्य क्षेत्र एवं संघ
 शासित क्षेत्र, दमन तथा दीव एवं
 दादर और नगर हवेली।

तार पता - "पेटोफिस"
 फोन - 482 5092
 फैक्स - 022 4950 622

पेटेंट कार्यालय शाखा,
 एकक सं. 401 से 405, 3रा तल,
 नगरपालिका बाजार भवन,
 सरस्वती मार्ग, करोल बाग,
 नई दिल्ली - 110 005।

हरियाणा, हिमाचल प्रदेश, जम्मू
 तथा कश्मीर, पंजाब, राजस्थान,
 उत्तर प्रदेश तथा दिल्ली राज्य
 क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिक"
 फोन - 578 2532
 फैक्स - 011 576 6204

पेटेंट कार्यालय शाखा,
 विंग "सी" (सी-4, ए),
 तीसरा तल, राजाजी भवन,
 बसंत नगर, चेन्नई - 600 090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिऴनाडु
 तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
 शासित क्षेत्र, लक्षद्वीप, मिनिक्काय तथा
 एमिनिदिवि द्वीप।

तार पता - "पेटेंटोफिस"
 फोन - 490 1495
 फैक्स - 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),
 निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
 भवन 5, 6 तथा 7वां तल,
 234/4, आचार्य जगदीश बोस मार्ग,
 कलकत्ता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"
 फोन - 247 4401
 फैक्स - 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

National Phase Application No IN/PCT/2000/00587/Che
dated 31 10 00

Corresponding PCT Application No PCT/ZA99/00010
dated 31 3 99

Priority Document No South Africa 98/0696

Priority Document Date 31 3 98

Applicant BRITTON ANTHONY SINNEY

Title A HYGIENIC DEVICE

National Phase Application No IN/PCT/00/0588/Che
dated 1 11 00

Corresponding PCT Application No PCT/EP99/2139
dated 29 3 99

Priority Document Nos Swiss 838/98 & 1861/98

Priority Document Dates 8 4 98 & 11 9 98

Applicant CIBA SPECIALTY CHEMICALS HOLD
ING INC

Title DIBENZONAPHTHYRONES AND THEIR USE
FOR COLOURING/PIGMENTING HIGHMOLECULAR
WEIGHT ORGANIC MATTER

National Phase Application No IN/PCT/00/00589/Che
dated 1 11 00

Corresponding PCT Application No PCT/EP99/2188
dated 30 3 99

Priority Document No USA 09/058,641

Priority Document Date 10 4 98

Applicant BASF AKTIENGESELLSCHAFT

Title PLANT GROWTH REGULATOR
COMPOSITIONS

National Phase Application No IN/PCT/00/00590/Che
dated 1 11 00

Corresponding PCT Application No PCT/EP99/2830
dated 2 5 98

Priority Document No Germany 19819686 5

Priority Document Date 2 5 98

Applicant SMS SCHLOEMANN SIEMAG
AKTIENGESELLSCHAFT

Title METHOD AND DEVICE FOR DISPOSING OF
LUBRICANTS FORM A PLAN BEARING

National Phase Application No IN/PCT/00/00591/Che
dated 2 11 00

Corresponding PCT Application No PCT/JP99/1810
dated 6 4 99

Priority Document Nos Japan 10/94584, 10/139505, 10/
249571 & 11/26127

Priority Document Dates 7 4 98, 21 5 98, 3 9 98 &
3 2 99

Applicant CHIYODA CORPORATION

Title DESULFURIZATION OF EXHAUST GASES
USING ACTIVATED CARBON CATALYST

National Phase Application No IN/PCT/00/00592/Che
dated 2 11 00

Corresponding PCT Application No PCT/EP99/2879
dated 28 4 99

Priority Document Nos USA 60/084 250 & 60/122 410

Priority Document Dates 5 5 98 & 2 3 99

Applicant F HOFFMANN LA ROCHE AG

Title PYRAZOLE DERIVATIVES, AS P-38MAP
KINASE INHIBITORS

National Phase Application No IN/PCT/00/00593/Che
dated 2 11 00

Corresponding PCT Application No PCT/EP99/2341
dated 7 4 99

Priority Document No Germany 19816057 7

Priority Document Date 9 4 98

Applicant SMS SCHLOEMANN SIEMAG
AKTIENGESELLSCHAFT

Title VERTICAL BELT STORAGE SYSTEM

National Phase Application No IN/PCT/00/00594/Che
dated 2 11 00

Corresponding PCT Application No PCT/US99/9404
dated 30 4 99

Priority Document No USA 09/073,160

Priority Document Date 5 5 98

Applicant KIMBERLY CLARK WORLDWIDE INC

Title STABILIZED ABSORBENT MATERIAL FOR
PERSONAL CARE PRODUCTS AND METHOD FOR
MAKING

National Phase Application No IN/PCT/00/00595/Che
dated 2 11 00

Corresponding PCT Application No PCT/EP99/3024
dated 27 4 99

Priority Document No USA 9809507 8

Priority Document Date 01 05 98

Applicant SMITHKLINE BEECHAM BIOLOGICALS
SA

Title NOVEL COMPOSITION

National Phase Application No. IN/PCT/00/00596/Che
dated 2 11.00

Corresponding PCT Application No. PCT/EP00/01730
dated 1 3 99

Priority Document No. Germany 19909614 7

Priority Document Date 5 3 99

Applicant HERAEUS ELECTRO NITE INTERNA
TIONAL NV

Title IMMERSION SENSOR, MEASURING
ARRANGEMENT AND MEASURING METHOD FOR
MONITORING ALUMINIUM ELECTROLYTIC CELLS

National Phase Application No. IN/PCT/00/00597/Che
dated 2 11.00

Corresponding PCT Application No. PCT/EP99/2940
dated 30 4 99

Priority Document No. Germany 19820064 1

Priority Document Date 6.5.98

Applicant AVENTIS PHARMA DEUTSCHLAND
GMBH

Title SUBSTITUTED SULPHONYL CYANAMIDES,
METHOD FOR PRODUCING SAME AND THEIR USE
AS MEDICAMENT

National Phase Application No. IN/PCT/00/00598/Che
dated 3 11 00

Corresponding PCT Application No. PCT/DK99/0171
dated 25.3 99

Priority Document No Denmark 0512/98

Priority Document Date 08.04.98

Applicant VELUX INDUSTRI A/S

Title A METHOD AND AN APPARATUS FOR
TRANSFER OF PRESSURE AND...USE THEREIN

National Phase Application No. IN/PCT/00/00599/Che
dated 3.11.00

Corresponding PCT Application No. PCT/US99/9691
dated 3.5.99

Priority Document No. USA 60/084,040

Priority Document Date 4.5.98

Applicant CUYUNA ENGINE COMPANY INC.

Title MULTI FUEL ENGINE

National Phase Application No. IN/PCT/00/00600/Che
dated 3 11.00

Corresponding PCT Application No. PCT/JP00/1247
dated 2 3.00

Priority Document Nos. Japan 11/59040 & 11/315929

Priority Document Dates 5 3 99 & 5 11 99

Applicant NTN CORPORATION

Title CONSTANT VELOCITY UNIVERSAL JOINT

National Phase Application No. IN/PCT/00/00601/Che
dated 3 11 00

Corresponding PCT Application No. PCT/JP99/2310
dated 28 4 99

Priority Document Nos Japan 10 124507 & 10 1 4508

Priority Document Date 7 5 98 (both)

Applicant AJINOMOTO CO INC

Title METHOD FOR PRODUCING DRIED INSTANT
SOUP OR SAUCE

National Phase Application No. IN/PCT/00/00602/Che
dated 3 11 00

Corresponding PCT Application No. PCT/EP99/3037
dated 3 5 99

Priority Document No Sweden 9801573 8

Priority Document Date 5 5 98

Applicant PHARMACIA & UPJOHN GRONINGEN
BV

Title INTRAOCULAR LENS HAVING A DESIGN
FOR CONTROLLING ITS AXIAL DISPLACEMENT
AFTER IMPLANTATION

National Phase Application No. IN/PCT/00/00603/Che
dated 3 11 00

Corresponding PCT Application No. PCT/US99/9978
dated 7 5 99

Priority Document No. USA 60/084,678

Priority Document Date 7 5 98

Applicant CORIXA CORPORATION

Title ADJUVANT COMPOSITION AND METHOD
FOR ITS USE

National Phase Application No. IN/PCT/00/00604/Che
dated 3 11 00

Corresponding PCT Application No. PCT/US99/9997
dated 6.5.99

Priority Document No. USA 09/073,898

Priority Document Date 6.5 98

Applicant MYCOGEN CORPORATION

Title PESTICIDAL TOMINS AND NUCLEOTIDE
SEQUENCES WHICH ENCODE THESE TOXINS

National Phase Application No. IN/PCT/00/00605/Che
dated 3 11 00

Corresponding PCT Application No. PCT/US99/8085
dated 13 4 99

Priority Document No. : US 09/072,405

Priority Document Date : 04.05.98

Applicant : SNAPTRACK INC.

Title : METHOD AND APPARATUS FOR OPERATING A SATELLITE POSITIONING SYSTEM RECEIVER.

National Phase Application No. : IN/PCT/00/00606/Che.
dated 3.11.00

Corresponding PCT Application No. : PCT/US99/8270
dated 13.4.99

Priority Document No. : USA 09/073,107

Priority Document Date : 5.5.98

Applicant : SNAPTRAGK INC.

Title : METHOD AND SYSTEM FOR USING ALTITUDE INFORMATION IN A SATELLITE POSITIONING SYSTEM.

National Phase Application No. : IN/PCT/00/00607/Che.
dated 3.11.00

Corresponding PCT Application No. : PCT/US99/8084
dated 13.4.99

Priority Document No. : US 09/074,021

Priority Document Date : 6.5.98

Applicant : SNAPTRACK INC.

Title : METHOD AND APPARATUS FOR SIGNAL PROCESSING IN A SATELLITE POSITIONING SYSTEM.

National Phase Application No. : IN/PCT/00/00608/Che.
dated 6.11.00

Corresponding PCT Application No. : PCT/GB99/01416
dated 6.5.99

Priority Document No. : USA 09/075,108

Priority Document Date : 8.5.98

Applicant : FERN INVESTMENTS LTD.

Title : COMPOSITE STRUCTURAL LAMINATE.

National Phase Application No. : IN/PCT/00/00609/Che.
dated 6.11.00

Corresponding PCT Application No. : PCT/DE99/1041
dated 7.4.99

Priority Document No. : Germany 19815701.0

Priority Document Date : 8.4.98

Applicant : ROBERT BOSCH GMBH

Title : METHOD FOR DEMODULATING A CARRIER WAVE MODULATED USING A DIGITAL SYMBOL SEQUENCE.

National Phase Application No. : IN/PCT/00/00610/Che.
dated 6.11.00

Corresponding PCT Application No. : PCT/IB99/0782
dated 29.4.99

Priority Document No. : Europe 98201509.1

Priority Document Date : 8.5.98

Applicant : KONINKLIJKE PHILIPS ELECTRONICS NV

Title : METHOD FOR STORING COMPRESSED DIGITAL AUDIO AND VIDEO.

National Phase Application No. : IN/PCT/00/00611/Che.
dated 6.11.00

Corresponding PCT Application No. : PCT/NL99/0273
dated 6.5.99

Priority Document No. : Netherlands 1009100

Priority Document Date : 7.5.98

Applicant : PACTER & PARTNERS INTERNATIONAL BV

Title : PACKAGING FOR CUT FLOWERS.

National Phase Application No. : IN/PCT/00/0612/Che.
dated 6.11.00

Corresponding PCT Application No. : PCT/NL99/0272
dated 4.5.99

Priority Document No. : Europe 98201495.3

Priority Document Date : 7.5.98

Applicant : NETHERLANDSE ORGANISATIE.....TNO

Title : PROCESS FOR SELECTIVE OXIDATION OF PRIMARY ALCOHOLS.

National Phase Application No. : IN/PCT/00/00613/Che.
dated 7.11.00

Corresponding PCT Application No. : PCT/EP99/2804
dated 26.4.99

Priority Document No. : Italy MI98 A001005

Priority Document Date : 8.5.98

Applicant : DIBRA S.P.A.

Title : PROCESS FOR THE PREPARATION OF S-N, N'BIS (HYDROXY-1-(HYDROXYMETHYL))....

National Phase Application No. : IN/PCT/00/00614/Che.
dated 7.11.00

Corresponding PCT Application No. : PCT/GB98/3828
dated 18.12.98

Priority Document No. : USA 09/080,030

Priority Document Date : 15.5.98

Applicant : INTERNATIONAL BUSINESS MACHINE CORPN.

Title : ROYALTY COLLECTION METHOD AND SYSTEM FOR USE....INTERNET.

National Phase Application No. : IN/PCT/00/00615/Che. dated 7.11.00

Corresponding PCT Application No. : PCT/US99/9418 dated 30.4.99

Priority Document No. : USA 09/075,152

Priority Document Date : 8.5.98

Applicant : QUALCOMM INCORPORATED

Title : APPARATUS AND METHOD FOR DISTRIBUTION OF HIGH QUALITY...LOCATIONS.

National Phase Application No. : IN/PCT/00/00616/Che. dated 7.11.00

Corresponding PCT Application No. : PCT/US98/26603 dated 15.12.98

Priority Document No. : USA 09/075, 294

Priority Document Date : 8.5.98

Applicant : NORTON COMPANY

Title : ABRASIVE GRINDING TOOLS WITH HYDRATED AND NON-HALOGENATED INORGANIC GRINDING AIDS.

National Phase Application No. : IN/PCT/00/00617/Che. dated 7.11.00

Corresponding PCT Application No. : PCT/US99/9876 dated 6.5.99

Priority Document Nos. : USA 60/084, 825 & 09/292, 682

Priority Document Dates : 8.5.98 & 16.4.99

Applicant : FLEXSYS AMERICA LP

Title : PROCESS FOR THE MANUFACTURE OF A SULFENIMIDE.

National Phase Application No. : IN/PCT/00/00618/Che. dated 7.11.00

Corresponding PCT Application No. : PCT/EP00/1219 dated 10.2.00

Priority Document No. : Italy SA 99 A000005

Priority Document Date : 11.2.99

Applicant : MONTELL TECHNOLOGY COMPANY BV

Title : PROPYLENE COPOLYMERS CONTAINING STYRENE UNITS.

National Phase Application No. : IN/PCT/00/00619/Che. dated 8.11.00

Corresponding PCT Application No. : PCT/EP99/3214 dated 11.5.99

Priority Document No. : USA 09/078,165

Priority Document Date : 13.5.98

Applicant : NOVARTIS NUTRITION AG

Title : NUTRITIONAL PRODUCT FOR A PERSON HAVING RENAL FAILURE

National Phase Application No. : IN/PCT/00/00620/Che. dated 8.11.00

Corresponding PCT Application No. : PCT/US99/9057 dated 27.4.99

Priority Document No. : USA 09/070, 759

Priority Document Date : 1.5.98

Applicant : GENERAL INSTRUMENT CORPORATION

Title : METHOD AND APPARATUS FOR PROVIDING AN INTERACTIVE .. PROCESSING.

National Phase Application No. : IN/PCT/00/00621/Che. dated 8.11.00

Corresponding PCT Application No. : PCT/DK99/0260 dated 10.5.99

Priority Document Nos. : Denmark 636/98 & PA980875

Priority Document Dates : 11.5.98 & 1.7.98

Applicant : NOVONORDISK AS

Title : COMPOUNDS WITH GROWTH HORMONE RELEASING PROPERTIES

National Phase Application No. : IN/PCT/00/00622/Che. dated 8.11.00

Corresponding PCT Application No. : PCT/NO99/0135 dated 23.4.99

Priority Document No. : Norway No. 98/0143

Priority Document Date : 8.5.98

Applicant : THIA MEDICA AS

Title : NOVEL FATTY ANALOGUES FOR THE TREATMENT OF OBESITY, HYPERTENSION AND FATTY LIVER.

National Phase Application No. : IN/PCT/00/00623/Che. dated 8.11.00

Corresponding PCT Application No. : PCT/NO99/0149 dated 7.5.99

Priority Document No. : NO. 98/0143

Priority Document Date : 8.5.98

Applicant : THIA MEDICA AS

Title : NOVEL FATTY ACID ANALOGUES FOR THE TREATMENT OF PRIMARY AND SECONDARY RESTENOSIS.

National Phase Application No. : IN/PCT/00/00624/Che.
dated 8.11.00

Corresponding PCT Application No. : PCT/NO99/0136
dated 23.4.99

Priority Document No. : NO98/0143

Priority Document Date : 8.5.98

Applicant : THE MEDICA AS

Title : NOVEL FATTY ANALOGUES FOR THE TREATMENT OF DIABETES.

National Phase Application No. : IN/PCT/00/00625/Che.
dated 8.11.00

Corresponding PCT Application No. : PCT/FR99/817
dated 9.4.99

Priority Document No. : France 98/04605

Priority Document Date : 9.4.98

Applicant : INSTITUT FRANCAIS DU PETROLE

Title : PROCESS FOR IMPROVING THE CETANE NUMBER OF A GAS OIL CUT.

National Phase Application No. : IN/PCT/00/00626/Che.
dated 8.11.00

Corresponding PCT Application No. : PCT/EP99/3159
dated 7.5.99

Priority Document No. : Germany 19820599.6

Priority Document Date : 8.5.98

Applicant : GESELLSCHAFT FUER BIOTECHNOLOGIESCHE...

Title : EPOTHILONE DERIVATIVES, A METHOD FOR THE PRODUCTION THEREOF, AND THEIR USE.

National Phase Application No. : IN/PCT/00/00627/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/JP99/1900
dated 9.4.99

Priority Document Nos. : Japan 116233/98 & 237869/98

Priority Document Date : 10.4.98 & 25.8.98

Applicant : JAPAN TOBACCO INC.

Title : AMIDINE COMPOUNDS.

National Phase Application No. : IN/PCT/00/00628/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/NL99/0264
dated 3.5.99

Priority Document No. : USA 60/085,065

Priority Document Date : 12.5.98

Applicant : DSM N.V.

Title : METHOD FOR PREPARING MELAMINE.

National Phase Application No. : IN/PCT/00/00629/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/FR99/1075
dated 6.5.99

Priority Document No. : France 98/06124

Priority Document Date : 11.5.98

Applicant : ALUMINIUM PECHINEY

Title : PROCESS FOR CONVEYANCE OF POWDER MATERIAL IN A HYPERDENSE BED.....PROCESS.

National Phase Application No. : IN/PCT/00/00630/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/EP99/2465
dated 13.4.99

Priority Document No. : Germany 198/16,602.8

Priority Document Date : 15.4.98

Applicant : SMS SCHLOFMANN SIEMAG AKTIENGESELLSCHAFT

Title : ROLL STAND WITH AXIALLY DISPLACEABLE ROLLS.

National Phase Application No. : IN/PCT/00/00631/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/DK99/0263
dated 11.5.99

Priority Document Nos. : Denmark PA 98/0657 & PA 98/0811 & Europe 98250166.0

Priority Document Dates : 13.5.98, 19.6.98 & 14.5.98

Applicant : NOVO NORDISK AS

Title : MEIOSIS REGULATING COMPOUNDS.

National Phase Application No. : IN/PCT/00/00632/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/SE99/0824
dated 12.5.99

Priority Document No. : Sweden 9801705.6

Priority Document Date : 14.5.98

Applicant : BIOGLAN AB

Title : BIOLOGICALLY ACTIVE COMPOSITION.

National Phase Application No. : IN/PCT/00/00633/Che.
dated 9.11.00

Corresponding PCT Application No. : PCT/SE99/0823
dated 12.5.99

Priority Document No Sweden 9801704 9
 Priority Document Date 14 5 98
 Applicant BIOGLAN AB
 Title BIOLOGICALLY ACTIVE COMPOSITION
 National Phase Application No IN/PCT/00/00634/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/FR99/01074
 dated 6 5 99
 Priority Document No France 98/06077
 Priority Document Date 14 5 98
 Applicant ATOFINA
 Title PROCESS FOR THE PREPARATION OF
 HYDRAZINE HYDRATE
 National Phase Application No IN/PCT/00/00635/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/FR99/01073
 dated 6 5 99
 Priority Document No France 98/06,078
 Priority Document Date 14 5 98
 Applicant ATOFINA
 Title PROCESS FOR THE PREPARATION OF
 HYDRAZINE HYDRATE
 National Phase Application No IN/PCT/00/00636/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/US99/09944
 dated 05 05 99
 Priority Document No USA 09/079,471
 Priority Document Date 15 5 98
 Applicant KIMBERLY CLARK WORLD WIDE INC
 Title ADJUSTABLE SCROLL ABSORBENT ARTI-
 CLE AND METHOD
 National Phase Application No IN/PCT/00/00637/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/US99/09949
 dated 5 5 99
 Priority Document No USA 09/079,745
 Priority Document Date 15 5 98
 Applicant KIMBERLY CLARK WORLDWIDE INC
 Title ABSORBENT ARTICLE AND METHOD
 National Phase Application No IN/PCT/00/00638/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/US99/06556
 dated 30 4 99

Priority Document Nos USA 60/083,652 & 09/302,171
 Priority Document Dates 30 4 98 & 29 4 99
 Applicant UNIVERSITY OF SOUTHERN CALIFOR
 NIA
 Title VIRAL CHIMERAS COMPRISED OF CAEV
 AND HIV-1 GENETIC ELEMENTS
 National Phase Application No IN/PCT/00/00639/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/GB99/01508
 dated 12 5 99
 Priority Document Nos Israel & UK 124460 &
 9900832 8
 Priority Document Dates 13 5 98 & 15 01 99
 Applicant CENES LIMITED
 Title PROCESS FOR PREPARATION OF 4, 5-
 EPOXYMORPHINAN 6-OXYGLUCURONIDES
 National Phase Application No IN/PCT/00/00640/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/GB99/01167
 dated 16 4 99
 Priority Document No GB 9808069 0
 Priority Document Date 16 04 98
 Applicant VERNALIS LIMITED
 Title PROCESS FOR THE PRODUCTION
 OF DROCARBAZOLE
 National Phase Application No IN/PCT/00/00641/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/US99/09225
 dated 28 4 99
 Priority Document No USA 60/085,280
 Priority Document Date 13 5 98
 Applicant THE DOW CHEMICAL COMPANY
 Title EXTRUDABLE VINYLIDENE CHLORIDE
 POLYMER COMPOSITIONS
 National Phase Application No IN/PCT/00/00642/Che
 dated 10 11 00
 Corresponding PCT Application No PCT/FR/99/00861
 dated 13 4 99
 Priority Document No France 98/04660
 Priority Document Date 15 4 98
 Applicant LINKGUARD LTD
 Title A COMPUTER SYSTEM FOR MANAGING
 LINKS AND METHOD IMPLEMENTING SAID
 SYSTEM

National Phase Application No IN/PCT/00/00643/Che
dated 10.11.00

Corresponding PCT Application No. : PCT/EP99/03257
dated 07.05 99

Priority Document No : GB 9819285.8

Priority Document Date . 13.5.98

Applicant : SMITHKLINE BEECHAM BIOLOGICALS
SA

Title COMPOUNDS FROM MORAXELLA
CATARRHALIS

National Phase Application No IN/PCT/00/00644/Che
dated 10.11 00

Corresponding PCT Application No. PCT/EP99/03255
dated 7 5 99

Priority Document No . GB 9810276.7

Priority Document Date 13.5.98

Applicant SMITHKLINE BEECHAM
BIOLOGICALS SA

Title BASBO29 POLYNUCLEOTIDE(S) AND
POLYPEPTIDES FROM NEISSERIA MENINGITIDIS

National Phase Application No. . IN/PCT/00/00645/Che
dated 10.11.00

Corresponding PCT Application No . PCT/JP99/01915
dated 12 4 99

Priority Document Nos. : Japan 10.101609 & 10.189347

Priority Document Dates . 13.4.98 & 3.7.98

Applicant . YUTAKA OGAWA

Title ESCALATOR SYSTEM.

National Phase Application No. : IN/PCT/00/00646/Che.
dated 10.11.00

Corresponding PCT Application No. : PCT/SE99/00608
dated 16.4 99

Priority Document No. . Sweden 9801337.8

Priority Document Date : 17.4.98

Applicant : BACTERUM AB

Title : STREPTOCOCCUS PREPARATION.

National Phase Application No. : IN/PCT/00/00647/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/CN99/00055
dated 16.4.99

Priority Document No. : China 98108902.X

Priority Document Date : 15.5.98

Applicant : ZHAO, CHAOYING

Title : NOVEL PHARMACEUTICAL
COMPOSITIONS....THEREOF.

2-187G/2001

National Phase Application No IN/PCT/00/00648/Che
dated 13 11 00

Corresponding PCT Application No : PCT/US99/07400
dated 23.4 99

Priority Document No USA 09/079,709

Priority Document Date . 15.5.98

Applicant SIEMENS ENERGY & AUTOMATION,
INC.

Title CONTACT MECHANISM FOR ELECTRONIC
OVERLOAD RELAYS

National Phase Application No IN/PCT/00/00649/Che
dated 13 11 00

Corresponding PCT Application No . PCT/FR99/00802
dated 7 4 99

Priority Document No. . France 98

Priority Document Date . 16.04 98

Applicant ALUMINIUM PECHINEY

Title ELECTROLYTIC POT FOR PRODUCTION OF
ALUMINIUM USING THE . . MEANS

National Phase Application No. . IN/PCT/00/00650/Che
dated 13 11.00

Corresponding PCT Application No PCT/US99/10793
dated 14 5 99

Priority Document No. . USA 09/081,385

Priority Document Date 14.5.98

Applicant . THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA

Title : FACTORS AFFECTING TUMOR NECROSIS
FACTOR RECEPTOR RELEASING ENZYME ACTIVITY.

National Phase Application No. . IN/PCT/00/00651/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/HU99/00027
dated 15.4.99

Priority Document No. : Hungary P 98 00877

Priority Document Date : 15.4.98

Applicant : ISTVAN SZOCS

Title : METHOD AND HIGH CAPACITY APPARATUS
FOR PRODUCING....DEVICE.

National Phase Application No. : IN/PCT/00/00652/Che
dated 13.11.00

Corresponding PCT Application No. : PCT/US99/08038
dated 13.4.99

Priority Document No. : USA 09/079,722

Priority Document Date . 15.5.98

Applicant : SIEMENS ENERGY & AUTOMATION,
INC.

Title : CONTACT MECHANISM FOR ELECTRONIC
OVERLOAD RELAYS.

National Phase Application No. : IN/PCT/00/00653/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/GB99/01355
dated 14.5.99

Priority Document No. : GB 9810305.4

Priority Document Date : 15.5.98

Applicant : FOSECO INTERNATIONAL LTD. &
VERHAERT DESIGN & DEVELOPMENT NV

Title : METHOD AND APPARATUS FOR THE
TREATMENT OF A MELT.

National Phase Application No. : IN/PCT/00/00654/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/EP99/02632
dated 20.04.99

Priority Document No. : Germany 198 17462.4

Priority Document Date : 20.4.98

Applicant : BASF AKTIENGESELLSCHAFT

Title : HETEROCYCLICALLY SUBSTITUTED
AMIDES USED AS CALPAIN INHIBITORS.

National Phase Application No. : IN/PCT/00/00655/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/EP99/02633
dated 20.4.99

Priority Document No. : Germany 198 18615.0

Priority Document Date : 20.4.98

Applicant : BASF AKTIENGESELLSCHAFT

Title : NOVEL SUBSTITUTED AMIDES, THEIR
PREPARATION AND USE.

National Phase Application No. : IN/PCT/00/00656/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/EP99/02618
dated 19.04.99

Priority Document No. : Germany 198 18614.2

Priority Document Date : 20.4.98

Applicant : BASF AKTIENGESELLSCHAFT

Title : NOVEL SUBSTITUTED AMIDES, THEIR
PREPARATION AND USE.

National Phase Application No. : IN/PCT/00/00657/Che.
dated 13.11.00

Corresponding PCT Application No. : PCT/NL99/00301
dated 17.5.99

Priority Document No. : Netherlands 1009169

Priority Document Date : 14.5.98

Applicant : PIPELIFE NEDERLAND BV

Title : COUPLING SLEEVE FOR HIGH PRESSURE
PIPE.

National Phase Application No. : IN/PCT/00/00658/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/03321
dated 14.5.99

Priority Document No. : Germany 198 22076.6

Priority Document Date : 16.5.98

Applicant : BLASBERG OBERFLACHENTECHNIK
GMBH

Title : PROCESS FOR THE COPPER PLATING OF
SUBSTRATES.

National Phase Application No. : IN/PCT/00/00659/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/03322
dated 14.5.99

Priority Document No. : Germany 198 22075.8

Priority Document Date : 16.5.98

Applicant : BLASBERG OBERFLACHENTECHNIK
GMBH

Title : PROCESS FOR COATING SUBSTRATES WITH
METALS.

National Phase Application No. : IN/PCT/00/00660/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/03016
dated 26.4.99

Priority Document No. : Europe 98201632.1

Priority Document Date : 15.5.98

Applicant : AKZO NOBEL N.V.

Title : OPHTHALMIC LENSES.

National Phase Application No. : IN/PCT/00/00661/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/02611
dated 19.4.00

Priority Document No. : Germany 198 17459.4

Priority Document Date : 20.4.98

Applicant : BASF AKTIENGESELLSCHAFT

Title : NOVEL HETEROCYCLICALLY SUBSTITUTED
AMIDES, THEIR PREPARATION AND USE.

National Phase Application No. : IN/PCT/00/00662/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/02617
dated 19.4.99

Priority Document No. : Germany 198 17461.6

Priority Document Date : 20.4.98

Applicant : BASF AKTIENGESELLSCHAFT.

Title : NOVEL SUBSTITUTED BENZAMIDES, THEIR
PREPARATION AND USE.

National Phase Application No. : IN/PCT/00/00663/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/02620
dated 19.4.99

Priority Document No. : Germany 198 17460.8

Priority Document Date : 20.4.98

Applicant : BASF AKTIENGESELLSCHAFT

Title : NOVEL AMIDES WITH, HETEROCYCLIC
SUBSTITUENTS THEIR PREPARATION AND USE.

National Phase Application No. : IN/PCT/00/00664/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/EP99/03273
dated 12.5.99

Priority Document No. : GB 9810471.4

Priority Document Date : 15.5.98

Applicant : HELMUT HUBER GMBH

Title : TOOTHBRUSH WITH FLUORESCENCE MEANS
FOR LOCATING DENTAL PLAQUE.

National Phase Application No. : IN/PCT/00/00665/Che.
dated 14.11.00

Corresponding PCT Application No. : PCT/NL99/00282
dated 7.5.99

Priority Document No. : Europe 98201497.9

Priority Document Date : 7.5.98

Applicant : INSTITUUT AGROTECHNOLOGISCH....

Title : PROCESS FOR CONTINUOUSLY
MANUFACTURING COMPOSITES ..THEREWITH.

National Phase Application No. : IN/PCT/00/00666/Che.
dated 15.11.00

Corresponding PCT Application No. : PCT/JP00/01338
dated 6.3.00

Priority Document No. : Japan 11.75881

Priority Document Date : 19.3.99

Applicant : YABASHI INDUSTRIES CO. LTD.

Title : PROCESS FOR PRODUCING CALCIUM
CARBONATE.

National Phase Application No. : IN/PCT/00/00667/Che.
dated 15.11.00

Corresponding PCT Application No. : PCT/US99/07595
dated 6.4.99

Priority Document No. : USA 09/079,71

Priority Document Date : 15.5.98

Applicant : SIEMENS ENERGY & AUTOMATION,
INC.

Title : CONTACT MECHANISM FOR ELECTRONIC
OVERLOAD RELAYS

National Phase Application No. : IN/PCT/00/00668/Che.
dated 15.11.00

Corresponding PCT Application No. : PCT/EP99/03391
dated 14.5.99

Priority Document No. : France 98/06508

Priority Document Date : 20.5.98

Applicant : SCHLUMBERGER INDUSTRIES SA

Title : GAS METER PROVIDED WITH IMPROVED
GUIDE MEANS.

National Phase Application No. : IN/PCT/00/00669/Che.
dated 15.11.00

Corresponding PCT Application No. : PCT/EP99/03036
dated 29.4.99

Priority Document No. : France 98/06509

Priority Document Date : 20.5.98

Applicant : SCHLUMBERGER INDUSTRIES SA

Title : METHOD FOR MAKING A GAS METER AND
GAS METER OBTAINED BY SAID METHOD.

National Phase Application No. : IN/PCT/00/00670/Che.
dated 15.11.00

Corresponding PCT Application No. : PCT/US99/11031
dated 18.5.99

Priority Document No. : USA 60/086,059

Priority Document Date : 18.5.98

Applicant : THE DOW CHEMICAL COMPANY

Title : ARTICLES HAVING ELEVATED
TEMPERATURE ELASTICITY MADE FROM.....THE
SAME.

National Phase Application No. : IN/PCT/00/00671/Che.
dated 15.11.00

Corresponding PCT Application No. : PCT/DK99/00425
dated 29.7.99

Priority Document No. : Denmark PA ('98 01526

Priority Document Date : 20.11.98

Applicant : PHARMACOSMOS HOLDING AS

Title : A PROCESS FOR PRODUCING AN IRON
DEXTRAN COMPOUND.

National Phase Application No. : IN/PCT/00/00672/Che.
dated 16.11.00

Corresponding PCT Application No. : PCT/GB99/01544
dated 14.5.99

Priority Document No. : GB 9810706.3

Priority Document Date : 20.5.98

Applicant : SCHLUMBERGER HOLDINGS LTD.

Title : MARINE SEISMIC ACQUISITION SYSTEM
AND METHOD.

National Phase Application No. : IN/PCT/00/00673/Che
dated 16.11.00

Corresponding PCT Application No. : PCT/US99/10743
dated 14.5.99

Priority Document Nos. : US 60/085,887 & 09/243,719

Priority Document Dates : 18.5.98 & 3.2.99

Applicant : FLEXSYS AMERICA L.P.

Title : PROCESS FOR PREPARING 4-AMINODIPHENYLAMINES.

National Phase Application No. : IN/PCT/00/00674/Che.
dated 16.11.00

Corresponding PCT Application No. : PCT/US99/10348
dated 12.5.99

Priority Document Nos. : USA 09.082,218 & 09.159,182

Priority Document Dates : 20.5.98 & 23.9.98

Applicant : NOVO NORDISK BIOCHEM NORTH AMERICA INC.

Title : A METHOD FOR ENZYMATIC TREATMENT OF WOOL.

National Phase Application No. : IN/PCT/00/00675/Che.
dated 16.11.00

Corresponding PCT Application No. : PCT/US99/10496 dated
12.5.99

Priority Document Nos. : USA 09.082,218 & 09.161,824

Priority Document Dates : 20.5.98 & 28.9.98

Applicant : NOVO NORDISK BIOCHEM NORTH AMERICA INC.

Title : A METHOD FOR ENZYMATIC TREATMENT OF WOOL.

National Phase Application No. : IN/PCT/00/00676/Che.
dated 16.11.00

Corresponding PCT Application No. : PCT/EP99/03304
dated 14.5.99

Priority Document No. : Europe 98109135.8

Priority Document Date : 20.5.98

Applicant : ROCHE DIAGNOSTICS GMBH

Title : AMPHOTROPIC RETROVIRUS PACKAGING CELL LINE.

National Phase Application No. : IN/PCT/00/00677/Che.
dated 16.11.00

Corresponding PCT Application No. : PCT/US99/09919
dated 7.5.99

Priority Document No. : USA 09/081,609

Priority Document Date : 20.5.98

Applicant : THE NUTRASWEET COMPANY

Title : SYNTHESIS AND PURIFICATION OF 3, 3-DIMETHYLBUTYRALDEHYDE VIA.....SULFOXIDE

National Phase Application No. : IN/PCT/00/00678/Che.
dated 16.11.00

Corresponding PCT Application No. : PCT/IL99/00206
dated 16.4.99

Priority Document Nos. : Israel 124117 & 128324

Priority Document Dates : 16.4.99 & 16.4.98

Applicant : SYNCPAL LTD.

Title : PERSONALIZED INFORMATION SYSTEM

National Phase Application No. : IN/PCT/00/00679/Che
dated 17.11.00

Corresponding PCT Application No. : PCT/DE99/00891
dated 19.3.99

Priority Document No. : Germany 19823440.6

Priority Document Date : 19.5.98

Applicant : SMS DEMAG AG

Title : METHOD AND DEVICE FOR THE CASTING OF METAL CLOSE TO FINAL DIMENSIONS.

National Phase Application No. : IN/PCT/00/00680/Che.
dated 17.11.00

Corresponding PCT Application No. : PCT/US99/11108
dated 19.5.99

Priority Document No. : USA 09/082,085

Priority Document Date : 20.5.98

Applicant : QUALCOMM INC.

Title : METHOD FOR DETECTING DELAYED DATE FRAMES IN A TRANSPORT FUNCTION.

National Phase Application No. : IN/PCT/00/00681/Che
dated 17.11.00

Corresponding PCT Application No. : PCT/EP99/02444
dated 12.4.99

Priority Document No. : Europe 98460016.3

Priority Document Date : 20.5.98

Applicant : LUCENT TECHNOLOGIES INC.

Title : CORDLESS TERMINAL ADAPTER.

National Phase Application No. : IN/PCT/00/00682/Che.
dated 17.11.00

Corresponding PCT Application No. : PCT/EP99/02456
dated 12.4.99

Priority Document No. : USA 09/065,272

Priority Document Date : 23.4.98

Applicant : CIBA SPECIALTY CHEMICALS HOLDINGS INC.

Title : PROCESS FOR THE PREPARATION OF TETRALONE IMINES FOR... COMPOUNDS.

National Phase Application No. : IN/PCT/00/00683/Che.
dated 17.11.00

Corresponding PCT Application No. : PCT/EP99/02455
dated 12.4.99

Priority Document No. : USA 60/082,812

Priority Document Date : 23.4.98

Applicant : CIBA SPECIALTY CHEMICALS HOLDING INC.

Title : PROCESS FOR PREPARING 4-(SUBSTITUTED PHENYL)-3, 4-DIHYDRO-2H-NAPHTHALEN-1-ONES.

National Phase Application No. : IN/PCT/00/00684/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/US99/08618
dated 20.4.99

Priority Document Nos. : USA 60/082,442, 09/19,553 & 09/291,315

Priority Document Dates : 20.4.98, 20.11.98 & 14.4.99

Applicant : DIMENSIONAL MEDIA ASSOCIATES, INC.

Title : MULTI PLANAR VOLUMETRIC DISPLAY SYSTEM AND METHOD OF OPERATION USING THREE DIMENSIONAL ANTI ALIASING.

National Phase Application No. : IN/PCT/00/00685/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/EP99/03584
dated 20.5.99

Priority Document No. : Europe 98304072.6

Priority Document Date : 21.5.98

Applicant : SHELL INTERNATIONALE RESEARCH AMATSHAPPIJ BV

Title : LIQUEFYING A STREAM ENRICHED IN METHANE.

National Phase Application No. : IN/PCT/00/00686/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/NL99/00316
dated 20.5.99

Priority Document No. : Netherlands 1009226

Priority Document Date : 20.5.98

Applicant : FACULTEIT GENEESKUNDE UNIVERSITEIT UTRECHT

Title : USE OF A NUCLEIC ACID BINDING CHEMOTHERAPEUTIC AGENT.

National Phase Application No. : IN/PCT/00/00687/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/US99/11766
dated 28.5.99

Priority Document No. : USA 60/087.219

Priority Document Date : 29.5.98

Applicant : MYCOGEN CORPORATION

Title : COTTON CELLS, PLANTS AND SEEDS GENETICALLY ENGINEERED TO EXPRESS (LECTINS).

National Phase Application No. : IN/PCT/00/00688/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/EP99/02652
dated 20.4.99

Priority Document No. : Germany 198.18.207.4

Priority Document Date : 23.4.98

Applicant : SMS SCHLOEMANN SIEMAG AG

Title : STECKEL HOT ROLLING MILL

National Phase Application No. : IN/PCT/00/00689/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/US99/11207
dated 20.5.99

Priority Document No. : USA 09/108,526

Priority Document Date : 1.7.98

Applicant : BINNEY & SMITH INC

Title : MARKING SYSTEM

National Phase Application No. : IN/PCT/00/00690/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/US99/13617
dated 17.6.99

Priority Document No. : USA 09/098,989

Priority Document Date : 17.6.98

Applicant : BINNEY & SMITH INC

Title : CRAYONS CONTAINING ESTER WAXES.

National Phase Application No. : IN/PCT/00/00691/Che.
dated 20.11.00

Corresponding PCT Application No. : PCT/US99/14050
dated 22.6.99

Priority Document Nos. : USA 09/105,704 & 09/0197,283

Priority Document Dates : 26.6.98 & 20.11.98

Applicant : BINNEY & SMITH INC.

Title : ERASABLE COLORED PENCIL LEAD.

National Phase Application No IN/PCT/00/00692/Che
dated 21 11 00

Corresponding PCT Application No PCT/US99/00843
dated 18 5 99

Priority Document No Sweden 9801809 6

Priority Document Date 22 5 98

Applicant TETRALAVAL HOLDINGS & FINANCE
SA

Title A PACKAGING MATERIAL AND PACKAGES
PRODUCED FROM THE PRODUCTS

National Phase Application No IN/PCT/00/00693/Che
dated 21 11 00

Corresponding PCT Application No PCT/US99/11169
dated 20 5 99

Priority Document No US 60/086,385

Priority Document Date 22 5 98

Applicant CABOT CORPORATION

Title TANTALUM SILICON ALLOYS AND
PRODUCTS CONTAINING THE SAME

National Phase Application No IN/PCT/00/00694/Che
dated 21 11 00

Corresponding PCT Application No PCT/US99/11149
dated 20 5 99

Priority Document No US 60/086,601

Priority Document Date 22 5 98

Applicant CABOT CORPORATION

Title METHOD TO AGGLOMERATE METAL
PARTICLES AND PROPERTIES

National Phase Application No IN/PCT/00/00695/Che
dated 21 11 00

Corresponding PCT Application No PCT/IL99/00121
dated 25 3 99

Priority Document No Nil

Priority Document Date ---

Applicant STATE OF ISRAEL MINISTRY OF DE-
FENCE RAFAEL ARMAMENT DEVELOPMENT AU-
THORITY

Title AN ARMOR PIERCING PROJECTILE

National Phase Application No IN/PCT/00/00696/Che
dated 21 11 00

Corresponding PCT Application No PCT/EP00/01958
dated 7 3 00

Priority Document No Europe 99200873

Priority Document Date 23 3 99

Applicant KONINKLIJKE PHILIPS ELECTRONICS
NV

Title INFORMATION CARRIER, DEVICE FOR
ENCODING, METHOD FOR ENCODING DECODING

National Phase Application No IN/PCT/00/00697/Che
dated 21 11 00

Corresponding PCT Application No PCT/EP99/03623
dated 26 5 99

Priority Document Nos GB 9811200 6 & 9818105 0

Priority Document Dates 26 5 98 & 19 8 98

Applicant NOVARTIS AG

Title NEW PHARMACEUTICAL COMPOSITIONS

National Phase Application No IN/PCT/00/00698/Che
dated 22 11 00

Corresponding PCT Application No PCT/EP99/02451
dated 12 4 99

Priority Document No Germany 19818176 0

Priority Document Date 23 4 98

Applicant BASF AKTIENGESELLSCHAFT

Title MARKING OF LIQUIDS WITH AT LEAST TWO
MARKERS AND DETECTION THEREOF

National Phase Application No IN/PCT/00/00699/
Che dated 22 11 00

Corresponding PCT Application No PCT/US99/11324
dated 21 5 99

Priority Document No USA 09/083,821

Priority Document Date 22 5 98

Applicant ASHLAND INC

Title DIESEL ENGINE ANTIFREEZE
COMPOSITION

National Phase Application No IN/PCT/00/00700/Che
dated 22 11 00

Corresponding PCT Application No PCT/NL99/00242
dated 26 4 99

Priority Document No Netherlands 1009277

Priority Document Date 28 5 98

Applicant FRANCOIS BERNARD

Title APPARATUS AND METHOD FOR DEPLOYING
AN OBJECT OR A LOAD ON THE SEALED

National Phase Application No IN/PCT/00/00701/Che
dated 22 11 00

Corresponding PCT Application No PCT/EP00/01910
dated 6 3 00

Priority Document No Europe 99200894 6

Priority Document Date 23 3 99

Applicant KONINKLIJKE PHILIPS ELECTRONICS NV

Title METHOD OF REGISTERING A RUNNING TIME ON AN INFORMATION APPARATUS

National Phase Application No IN/PCT/00/00702/Che dated 23 11 00

Corresponding PCT Application No PCT/US99/09304 dated 29 4 99

Priority Document Nos USA 60/086,944, 60/089,058

Priority Document Dates 27 5 98, 12 6 98

Applicant THE DOW CHEMICAL COMPANY

Title VEHICLE HEADLINER COMPRISED OF A THERMOFORMABLE THERMOPLASTIC FOAM SHEET

National Phase Application No IN/PCT/00/00703/Che dated 23 11 00

Corresponding PCT Application No PCT/US99/11033 dated 19 5 99

Priority Document No USA 09/084,647

Priority Document Date 26 5 98

Applicant TELE DIAGNOSTIC DEVICE

Title INEEDMD COM, INC

National Phase Application No IN/PCT/00/00704/Che dated 23 11 00

Corresponding PCT Application No PCT/US99/10027 dated 7 5 99

Priority Document Nos USA 60/084,742 & 60/090,046

Priority Document Dates 8 5 98 & 19 6 98

Applicant ROSETTA INPHARMATICS INC

Title METHODS OF DETERMINING PROTEIN ACTIVITY PROFILES

National Phase Application No IN/PCT/00/00705/Che dated 23 11 00

Corresponding PCT Application No PCT/US99/10050 dated 7 5 99

Priority Document No USA 60/074,983

Priority Document Date 8 5 98

Applicant ROSETTA INPHARMATICS INC

Title METHODS FOR IDENTIFYING PATHWAYS OF DRUG ACTION

National Phase Application No IN/PCT/00/00706/Che dated 23 11 00

Corresponding PCT Application No PCT/EP99/03603 dated 26 5 99

Priority Document No GB 9811260 0

Priority Document Date 26 5 98

Applicant SMITHKLINE BEECHAM BIOLOGICAL SA & UTRICHT UNIVERSITY

Title NEISSERIA MEANINGITIDIS ANTIGENIC POLYPEPTIDES, ANTIBODIES

National Phase Application No IN/PCT/00/00707/Che dated 23 11 00

Corresponding PCT Application No PCT/CH99/00227 dated 26 5 99

Priority Document Nos Swiss 1153/98 & 1303/98

Priority Document Dates 26 5 98 & 17 6 98

Applicant MASCHINENFABRIK RIETER AG

Title A DIRT REMOVAL SYSTEM

National Phase Application No IN/PCT/00/00708/Che dated 23 11 00

Corresponding PCT Application No PCT/US99/09448 dated 30 4 99

Priority Document Nos USA 60/086,944 & 60/089,058

Priority Document Dates 27 5 98 & 12 6 98

Applicant THE DOW CHEMICAL COM

Title THERMOFORMABLE POLYPROPYLENE FOAM SHEET

National Phase Application No IN/PCT/00/00709/Che dated 23 11 00

Corresponding PCT Application No PCT/EP99/02698 dated 22 4 99

Priority Document No Germany 19819282 7

Priority Document Date 30 4 98

Applicant BASF AKTIENGESELLSCHAFT

Title SLOW RELEASE FORMULATIONS OF CROP PROTECTION AGENTS

National Phase Application No IN/PCT/00/00710/Che dated 23 11 00

Corresponding PCT Application No PCT/EP99/02699 dated 22 4 99

Priority Document No Germany 19819060 3

Priority Document Date 29 4 98

Applicant BASF AKTIENGESELLSCHAFT

Title SUBSTITUTED (4-BROMOPYRAZOL-3 YL) BENZAZOLES

National Phase Application No. : IN/PCT/00/00711/Che.
dated 23.11.00

Corresponding PCT Application No. : PCT/US99/10784
dated 14.5.99

Priority Document No. : US 60/087474

Priority Document Date : 29.5.98

Applicant : ABB LUMMUS GLOBAL INC.

Title : STRUCTURED PACKING AND ELEMENT THEREFOR.

National Phase Application No. : IN/PCT/00/00712/Che.
dated 23.11.00

Corresponding PCT Application No. : PCT/EP00/02597
dated 22.3.00

Priority Document Nos. : USA 60/126,169 & 09/454,349

Priority Document Dates : 25.3.99 & 03.12.99

Applicant : KONINKLIJKE PHILIPS ELECTRONICS NV

Title : KEY DISTRIBUTION VIA A MEMORY DEVICE.

National Phase Application No. : IN/PCT/00/00713/Che.
dated 24.11.00

Corresponding PCT Application No. : PCT/US99/11661
dated 26.5.99

Priority Document No. : US 60/087,316

Priority Document Date : 29.5.98

Applicant : SOLUTIA INC.

Title : CONTINUOUS POLYAMIDATION PROCESS.

National Phase Application No. : IN/PCT/00/00714/Che.
dated 24.11.00

Corresponding PCT Application No. : PCT/US99/11577
dated 26.5.99

Priority Document No. : US 60/087,292

Priority Document Date : 29.5.98

Applicant : SOLUTIA INC.

Title : CONTROL SYSTEM FOR CONTINUOUS POLYAMIDATION PROCESS.

National Phase Application No. : IN/PCT/00/00715/Che.
dated 24.11.00

Corresponding PCT Application No. : PCT/EP99/03602
dated 25.5.99

Priority Document No. : GB 9811219.6

Priority Document Date : 26.5.98

Applicant : SMITHKLINE BEECHAM BIOLOGICALS SA

Title : METHOD FOR PURIFICATION OF BORRELIA LIPOPROTEIN OSPA.

National Phase Application No. : IN/PCT/00/00716/Che.
dated 24.11.00

Corresponding PCT Application No. : PCT/US99/09149
dated 27.4.99

Priority Document No. : Germany 09/067,450

Priority Document Date : 27.4.98

Applicant : ADVANCED CARDIOVASCULAR SYSTEMS, INC

Title : CATHETER BALLOON WITH BIASED MULTIPLE WINGS.

National Phase Application No. : IN/PCT/00/00717/Che
dated 24.11.00

Corresponding PCT Application No. : PCT/US99/11745
dated 27.5.99

Priority Document No. : USA 60/087,536

Priority Document Date : 01.06.98

Applicant : THE DOW CHEMICAL COMPANY

Title : METHOD OF MAKING WASHABLE, DRYABLE ELASTIC ARTICLES.

National Phase Application No. : IN/PCT/00/00718/Che
dated 24.11.00

Corresponding PCT Application No. : PCT/FR99/01329
dated 7.6.99

Priority Document No. : France 98/08174

Priority Document Date : 24.6.98

Applicant : SCHNEIDER ELECTRIC INDUSTRIES SA

Title : LOW VOLTAGE MULTIPOLE CIRCUIT BREAKER WITH HIGH ELECTRO DYNAMIC STRENGTH.....COMPARTMENT.

National Phase Application No. : IN/PCT/00/00719/Che
dated 24.11.00

Corresponding PCT Application No. : PCT/US99/08473
dated 22.4.99

Priority Document Nos. : USA 60/122,054 & 60/094,462

Priority Document Dates : 1.5.98 & 28.7.98

Applicant : MAXYGEN, INC.

Title : OPTIMIZATION OF PEST RESISTANCE GENES USING DNA SHUFFLING.

National Phase Application No. : IN/PCT/00/00720/Che
dated 24.11.00

Corresponding PCT Application No. : PCT/US99/11605
dated 26.5.99

Priority Document No. : USA 60/086,937

Priority Document Date 27 5 98
Applicant SILMENS AUTOMOTIVE CORPORATION
Title CONTAMINANT TOLERANT COMPRESSED
NATURAL GAS INJECTOR THERE THROUGH
National Phase Application No IN/PCT/00/00721/Che
dated 24 11 00
Corresponding PCT Application No PC1/JP99/02237
dated 26 4 99
Priority Document No Japan 10/117271
Priority Document Date 27 4 98
Applicant FUJISAWA PHARMACEUTICAL CO LTD
Title PHARMACEUTICAL COMPOSITION
National Phase Application No IN/PCT/00/00722/Che
dated 24 11 00
Corresponding PCT Application No PCT/JP99/02575
dated 18 5 99
Priority Document No Japan 10/143806
Priority Document Date 26 5 98
Applicant IWATANI INTERNATIONAL CORPORATION & SHINICHI GOTO
Title LIQUEFIED PETROLEUM GAS FUEL FOR
COMPRESSION IGNITION ENGINE
National Phase Application No IN/PCT/00/00723/Che
dated 24 11 00
Corresponding PCT Application No PCT/EP00/02049
dated 9 3 00
Priority Document No Europe 99200932 4
Priority Document Date 26 3 99
Applicant KONINKLIJKE PHILIPS ELECTRONICS
NV
Title KEY DISTRIBUTION VIA A MEMORY
DEVICE
National Phase Application No IN/PCT/00/00724/Che
dated 27 11 00
Corresponding PCT Application No PCT/US99/11804
dated 7 6 99
Priority Document Nos USA 60/088,466 & 60/092,938
Priority Document Dates 8 6 98 & 15 7 98
Applicant ADVANCED MEDICINE INC
Title DEREGULATED REGULATION OF GENE
EXPRESSION IN PLANTS
National Phase Application No IN/PCT/00/00725/Che
dated 27 11 00
Corresponding PCT Application No PCT/EP99/02703
dated 22 4 99

Priority Document No Germany 19819290 8
Priority Document Date 30 4 98
Applicant BASF AKTIENGESSELLSCHAFT
Title CYCLOHEXENONEDIOXO
THIOCHROMANOYL DERIVATIVES
National Phase Application No IN/PCT/00/00726/Che
dated 27 11 00
Corresponding PCT Application No PCT/EP99/03723
dated 28 5 99
Priority Document Nos Germany 29809489 4 & US 60/
111,893
Priority Document Dates 28 5 98 & 10 12 98
Applicant MAUSER WERKE GMBH
Title METHOD AND DEVICE FOR PRODUCING
PLASTIC HOLLOW BODIES, AND THEREWITH
National Phase Application No IN/PCT/00/00727/Che
dated 27 11 00
Corresponding PCT Application No PCT/FI99/00462
dated 27 5 99
Priority Document No Finland 981214
Priority Document Date 29 5 98
Applicant ALMA MEDIA OYJ
Title COMBINING SERVICES IN AN INTERNET
TYPE NETWORK
National Phase Application No IN/PCT/00/00728/Che
dated 27 11 00
Corresponding PCT Application No PCT/IL99/00223
dated 29 4 99
Priority Document No US 09/071,873
Priority Document Date 01 05 98
Applicant UBIQUE LTD
Title ACO PRESENCE DATA RETRIEVAL SYSTEM
National Phase Application No IN/PCT/00/00729/Che
dated 27 11 00
Corresponding PCT Application No PCT/EP99/03608
dated 25 5 99
Priority Document No USA 09/084,942
Priority Document Date 26 5 98
Applicant NOVARTIS AG
Title B2 ADRENERGIC RECEPTOR AGONISTS
National Phase Application No IN/PCT/00/00730/Che
dated 27 11 00
Corresponding PCT Application No PCT/US99/11427
dated 21 5 99

Priority Document No. : USA 60/087,169

Priority Document Date : 29.5.98

Applicant : THE DOW CHEMICAL COMPANY

Title : EPOXIDATION PROCESS FOR ARYL ALLYL ETHERS

National Phase Application No. : IN/PCT/00/00731/Che dated 28.11.00

Corresponding PCT Application No. : PCT/IL99/00238 dated 6.5.99

Priority Document No. : US 60/084,520

Priority Document Date : 7.5.98

Applicant : ART ADVANCED RECOGNITION TECHNOLOGIES LTD.

Title : HANDWRITTEN AND VOICE CONTROL OF VEHICLE COMPONENTS

National Phase Application No. : IN/PCT/00/00732/Che dated 28.11.00

Corresponding PCT Application No. : PCT/JP99/02024 dated 30.3.00

Priority Document No. : Japan 11/94580

Priority Document Date : 1.4.99

Applicant : MITSUI CHEMICALS, INC.

Title : LIQUID CRYSTAL SEALANT COMPOSITION.

National Phase Application No. : IN/PCT/00/00733/Che dated 28.11.00

Corresponding PCT Application No. : PCT/JP00/02025 dated 30.3.00

Priority Document No. : Japan 11/94582

Priority Document Date : 1.4.99

Applicant : MITSUI CHEMICALS, INC.

Title : ANISOTROPIC CONDUCTIVE PASTE.

National Phase Application No. : IN/PCT/00/00734/Che dated 28.11.00

Corresponding PCT Application No. : PCT/US99/12003 dated 28.5.99

Priority Document No. : USA 06/087,496

Priority Document Date : 1.6.98

Applicant : MICHIGAN STATE UNIVERSITY

Title : PROCESS FOR THE PREPARATION OF PROTECTED 3-AMINO-1, 2-DIHYDROXYPROPANE...THEREOF.

National Phase Application No. : IN/PCT/00/00735/Che dated 28.11.00

Corresponding PCT Application No. : PCT/US99/11930 dated 28.5.99

Priority Document No. : USA 06/087,433

Priority Document Date : 1.6.98

Applicant : MICHIGAN STATE UNIVERSITY

Title : PROCESS FOR THE PREPARATION OF PROTECTED DIHYDROXYPROPYL...THEREOF

National Phase Application No. : IN/PCT/00/00736/Che dated 28.11.00

Corresponding PCT Application No. : PCT/US00/08095 dated 27.3.00

Priority Document No. : USA 60/127,425

Priority Document Date : 1.4.99

Applicant : BORDEN CHEMICAL INC.

Title : OPTICAL FIBER RINGS CONTAINING RADIATION CURABLE INSULATING MATERIAL.

National Phase Application No. : IN/PCT/00/00737/Che dated 28.11.00

Corresponding PCT Application No. : PCT/JP00/01973 dated 29.3.00

Priority Document No. : Japan 11/88834

Priority Document Date : 30.3.99

Applicant : KABUSHIKI KAISHA SATO

Title : LABEL ROLL CORE HOLDER ASSOCIATED SYSTEM AND LABEL...LABELER.

National Phase Application No. : IN/PCT/00/00738/Che dated 28.11.00

Corresponding PCT Application No. : PCT/EP99/03006 dated 4.5.99

Priority Document No. : Germany 19820722.0

Priority Document Date : 11.5.98

Applicant : BASI AKTIENGESSELLSCHAFT

Title : PREPARATION OF ISOXAZOLIN-3-YLACYLBENZENES

National Phase Application No. : IN/PCT/00/00739/Che dated 29.11.00

Corresponding PCT Application No. : PCT/FR99/01272 dated 31.5.99

Priority Document No. : France 98/06,940

Priority Document Date : 3.6.98

Applicant : ATOFINA

Title : SHOCK VINYLAROMATIC POLYMER BY POLYMERIZATION OF A...INITIATOR.

National Phase Application No. : IN/PCT/00/00740/Che.
dated 29.11.00

Corresponding PCT Application No. : PCT/JP00/02002
dated 30.3.00

Priority Document Nos. : Japan 11/90662, 11/91653 etc

Priority Document Date : 31.3.99

Applicant : KURARAY CO. LTD

Title : ORGANOPHOSPHORUS COMPOUNDS FOR DENTAL

National Phase Application No. : IN/PCT/00/00741/Che
dated 29.11.00

Corresponding PCT Application No. : PCT/GB99/01705
dated 28.5.99

Priority Document No. : GB 98115918(9811591.8)

Priority Document Date : 30.5.98

Applicant : CHARLES PENNY

Title : RAILWAY OR TRAMWAY RAIL AND RAIL FASTENING SYSTEM

National Phase Application No. : IN/PCT/00/00742/Che
dated 29.11.00

Corresponding PCT Application No. : PCT/CH99/00173
dated 27.4.99

Priority Document No. : Swiss 967/98

Priority Document Date : 29.4.98

Applicant : STOLL KURT

Title : A DEVICE FOR PROTECTION FROM INSECTS AND THEIR BITES....BALANCE.

National Phase Application No. : IN/PCT/00/00743/Che
dated 30.11.00

Corresponding PCT Application No. : PCT/GB99/01777
dated 4.6.99

Priority Document Nos. : GB 9812097.5 & 990833.6

Priority Document Dates : 6.6.98 & 15.01.99

Applicant : CENES LTD.

Title : MORPHINE 6 GLUCURONIDE SYNTHESIS.

National Phase Application No. : IN/PCT/00/00744/Che
dated 30.11.00

Corresponding PCT Application No. : PCT/US99/11868
dated 28.5.99

Priority Document Nos. : USA 60/087,754 & 09/322,820

Priority Document Dates : 02.06.98 & 28.05.99

Applicant : FLEXSYS AMERICA LP

Title : PREPARATION OF QUINONEDIIMINES FROM PHENYLENEDIAMINES .CATALYST

National Phase Application No. : IN/PCT/00/00745/Che. dated 30.11.00

Corresponding PCT Application No. : PCT/US99/12043
dated 28.5.99

Priority Document Nos. : USA 09/088,511 & 09/267,806

Priority Document Dates : 01.06.98 & 12.3.99

Applicant : RECKITT BENCKISER AG

Title : DYE SC'AVENGING ARTICLE.

National Phase Application No. : IN/PCT/00/00746/Che
dated 30.11.00

Corresponding PCT Application No. : PCT/JP99/02822
dated 28.5.99

Priority Document No. : Japan 151017/98

Priority Document Date : 01.06.98

Applicant : SHIONOGI & CO. LTD.

Title : CYANOIMINOQUINOXALINE DERIVATIVES.

National Phase Application No. : IN/PCT/00/00747/Che
dated 30.11.00

Corresponding PCT Application No. : PCT/CH99/00237
dated 01.06.99

Priority Document No. : Swiss 1194/98

Priority Document Date : 02.06.98

Applicant : FRITSCHI ISIDOR

Title : DEVICE FOR BREWING BEVERAGES.

National Phase Application No. : IN/PCT/00/00748/Che
dated 30.11.00

Corresponding PCT Application No. : PCT/JP00/00571
dated 02.02.00

Priority Document No. : Japan 11/118262

Priority Document Date : 26.4.99

Applicant : MITSUBISHI DENKI KABUSHIKI KAISHA

Title : A MICROWAVE MODULE.

National Phase Application No. : IN/PCT/00/00749/Che
dated 30.11.00

Corresponding PCT Application No. : PCT/EP00/02077
dated 9.3.00

Priority Document No. : GB 9907280.3

Priority Document Date : 31.3.99

Applicant : KONINKLIJKE PHILIPS ELECTRONICS NV

Title : A METHOD OF SCHEDULING GARBAGE COLLECTION.

National Phase Application No. : IN/PCT/00/00750/Chc dated 30.11.00

Corresponding PCT Application No. : PCT/EP00/02094 dated 9.3.00

Priority Document No. : GB 9907283.7

Priority Document Date : 31.3.99

Applicant : KONINKLIJKE PHILIPS ELECTRONICS NV

Title : MEMORY RECLAMATION METHOD.

ALTERATION OF DATE

186340 filed on 21.7.2000

674/Del/2000. Anti dated to 3.1.1997

186347

(99/Bom/99) Ante dated to 28.5.1997.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent or any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate along with evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एक्स को

उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटो प्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 147 G.

186321

Int. Cl. : G 11 B 33/02.

AN INTEGRALLY CONSTRUCTED DEVICE FOR RECORDING ON AND REPRODUCING FROM BOTH TAPE AND DISC.

Applicant : DAEWOO ELECTRONICS CO. LTD OF 541Ga, Namdaemoon Ro, JungKu, Seoul, Korea.

Inventor : KIM HO-GEOL.

Application No. 1106/Cal/95 filed on 14.9.1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

(7 Claims)

An integrally constructed device for recording on and reproducing from both tape and disc., comprising:

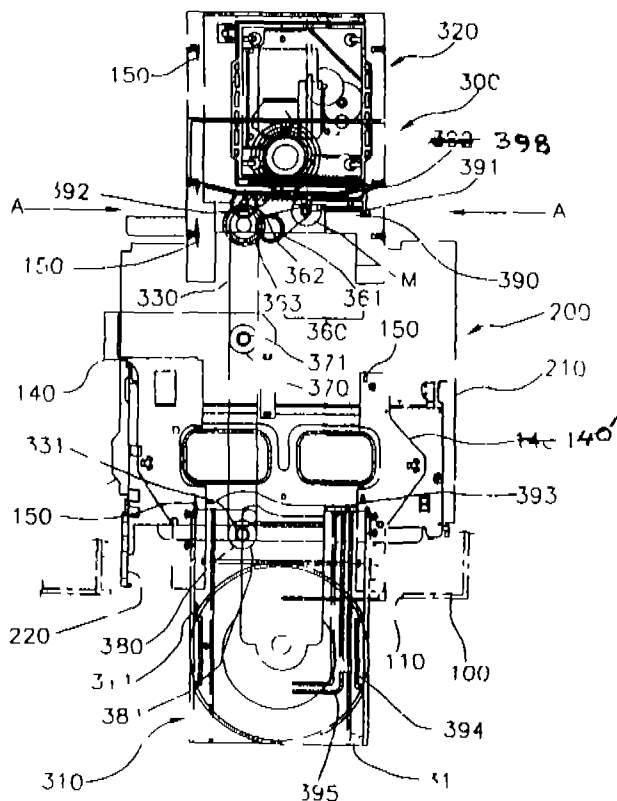
a body (100) having an inserting part (110) provided at the front side of said body for inserting a cassette tape and an optical disc' (not shown);

a tape driving part (200) having a tape recorder deck (210) and holder (220), the tape recorder deck being provided with a running means (not shown) having a head drum at the inside of said body and said holder being provided for placing the tape on said tape recorder deck; and,

a disc driving part (300) having a disc tray (310), a disc deck (320), disc tray transferring means (330), and disc deck rotating means (390), said disc tray being provided for receiving the disc, said disc deck being provided for placing the disc transferred by said disc tray on said disc deck, disc tray transferring means (330) being provided with gear groups (360, 370, 380) installed on said disc deck and said body and a rack (331) formed on lower surface of said disc tray to be engaged with said gear groups, and said disc deck rotating means being rotatably connected to the

side of interior of said body and being rotated simultaneously with transferring of said disc tray to transfer said disc deck to a loading position outside the body (100), characterised in that said disc tray transferring means comprises a first gear group (360) having a driving motor (M) and a plurality of gears (361, 362, 363) rotated by the driving motor, a second gear group (370) installed on the path of the disc tray to be transferred to transfer said disc tray to the inside or outside of said body i.e. away from and towards the disc deck (320), a third gear group (380) installed at a distance from the second gear group on the path of the disc tray to be transferred, being connected by belt pulley with the second gear group to be rotated by them, a rack (331) formed on lower surface of said disc tray being positioned along a transferring direction of the disc tray and engaged with said first, second, and third gear groups whereby the disc tray transferring means transfers said disc tray to the inside or the outside of said body.

FIG. 1



(Complete Specification 22 Pages Drawing Sheet 0)

Ind. Cl. 127 F

186322

Int. Cl. B 62 M 11/14

AN IMPROVED DRIVE SYSTEM SUCH AS TWO GEAR EPICYCLIC DRIVE SIMILAR TO HARMONIC DRIVE SYSTEM

Applicant DR RATHINDRANATH MAITI OF INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR 721 302 WEST BENGAL INDIA

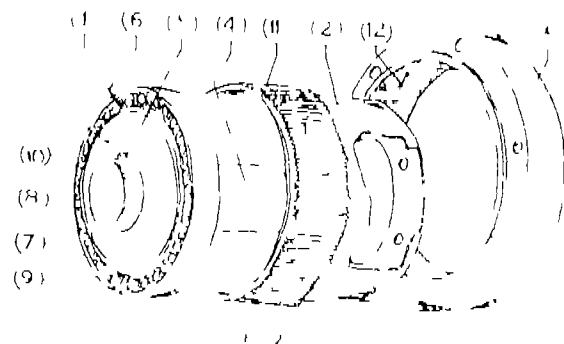
Inventor DR RATHINDRANATH MAITI

Application No. 1296/Cal/95 filed on 15.10.95

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rules 1972) Patent Office Calcutta

(13 Claims)

An improved drive system such as a two gear epicyclic drive similar to harmonic drive system comprising modified wave generator cam having a geometric operating profile comprising two symmetrical circular arcs at the diametrically opposite ends and matching/fitting curves for the remaining portions connected and disposed with respect to a pinion having tooth and a ring gear with corresponding matching engagable tooth such that the pinion tooth and ring gear tooth are pressed and mesh against one another to achieve 100% conjugacy by said circular profile of the said cam in operation to thereby achieve improved dynamic performance as well as gearing efficiency.



(Complete Specification 14 Pages Drawing Sheets 3)

Ind. Cl. 154 D

186323

Int. Cl. B 41 K 3/12 B 41 J 1/60

A PRINTING SYSTEM COMPRISING A PLURALITY OF PRINTING UNIT

Applicant ATLANTIC ZEISER GMBH & CO of BOGENTR, 6 8, D-78576 EMMINGEN, GERMANY

Inventor : 1. PITZ FRANZ & 2. BERNDTSON ANDERS.

Application No. 1455/Cal/95 filed on 15.11.1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta

(51 Class)

A printing system (10) comprising a plurality of printing units (11), each having a plurality of type wheels (19) disposed rotatably side by side on a common shaft (20) and drivable by said shaft via a slip coupling (21), on the circumferential face of said type wheels (19) there are types (23) in the form of numbers, letters or symbols disposed, wherein associated with each type wheel (19) is a feeler device (29) and a pawl (30), said feeler device (29) ascertain the position of the type wheel (19) and said pawl (30) gets in engagement with the type wheel (19), having an actuator (31, 69, 70) that is triggerable by a control unit as herein described dependently upon said feeler device (29), by means of which actuator (31) said pawl (30) is controllable between a blocking position that blocks the type wheel (19) and a clearing position that releases the type wheel, and having a drive device for intermittently driving of the common shaft (20), characterized in that in each printing unit (11), the drive device has one drive shaft (32), which is drivingly coupled with the common shaft (20) and which on one end carries a driving gear wheel (33), and also has one stationary disk (14), which is associated with a plurality of revolving printing units (11a-11h) disposed succeeding one another in a circumferential direction, which disk, on the pitch circle of the respective driving gear wheel (33), has a toothed segment (34) associated with this gear wheel and having teeth on the outside or the inside, with which segment the respective driving gear wheel (33) is brought into engagement upon revolution of the printing unit (11a-11h).

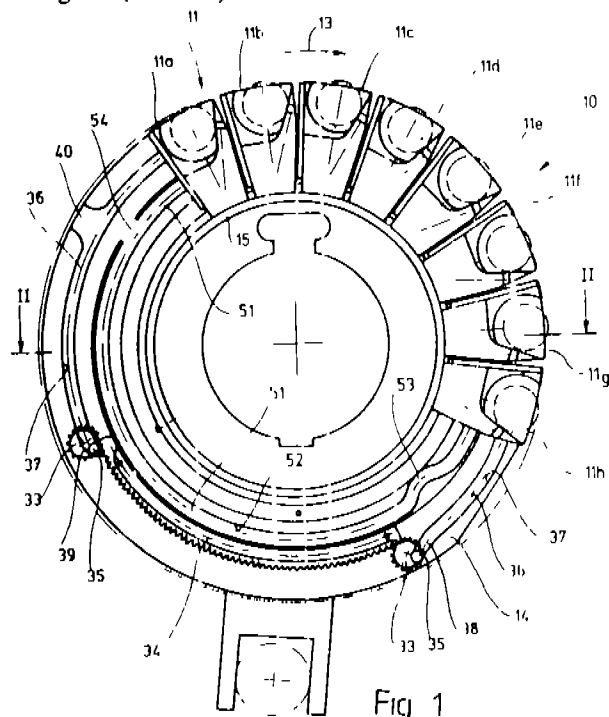


Fig. 1

Complete Specification : 29 Pages. Drawing Sheets : 6).

Ind. Cl. : 186B.

186324

Int. Cl. : H 04 B 5/04, 7/26

A COMMUNICATION SYSTEM BASED ON SPREAD SPECTRUM SIGNALLING SCHEMES.

Applicant : KONINKLIJKE PHILIPS ELECTRONIC N.V. OF GROENEWOUDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS

Inventor : GIBSON RODNEY WILLIAM.

Application No. 1460/Cal/95 filed on 15.11.1995.

(Convention No. 9423328.5 filed on 18.11.1994 in Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

(5 Claims)

A communication system based on spread spectrum signalling schemes, comprising a primary station (12) having a transmitter/receiver which is capable of formatting messages to be transmitted by the transmitter thereof, and one or more secondary stations (SS1, SS2), the or each secondary station having transmitter/receiver which is capable of receiving messages transmitted from the primary station, characterised in that the secondary station are each capable of transmitting predefined messages in the form of spread spectrum signals, and that the primary station is capable of

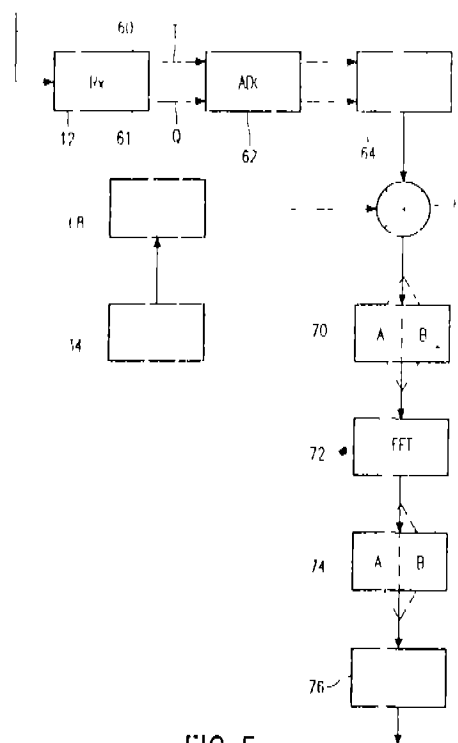


FIG. 5

receiving and decoding the or each of the said spread

spectrum signals, the receiver in the primary station being capable of producing quadrature related frequency down converted signals and comprising an analogue to digital converter (ADC) (62) for producing digitised raw samples of the frequency down converted signals, a first storage device (64) for storing said digitised raw samples, a spread spectrum code generator (68) and a signal multiplier (66) having input coupled respectively to said first storage device and to the code generator and an output for despread signal samples, and a frequency analyser (72) coupled to said output for frequency analysing the spread spectrum signal after despreading and producing a frequency spectrum as an output, and a spectrum analyser (76) for scanning the frequency spectrums produced by the frequency analyser and detecting peaks that exceed a defined threshold, thereby indicating the presence of a predefined message, each said detection being correlated with the spreading code used to produce the spread spectrum signal having the detected peak, the correlated spreading code identifying the said transmitted predefined messages.

(Complete Specification 18 Pages Drawing Sheets 4)

Ind. Cl. 50-F

186325

Int. Cl.⁴ F 25 D 11/02

A REFRIGERATOR

Applicant SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN DONG, PALDAL-GU, SUWON-CITY, KYUNGKI DO, KOREA

Inventor 1. PARK HAE JIN, 2. KIM, Jae In & 3. KANG, YUN SEOK

Application No. 1614/Cal/95 filed on 11.12.1995

(Convention No. 95/10783 filed on 29.4.1995 in a Korea)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta

(21 Claims)

A refrigerator comprising

a casing,

a freezing chamber disposed in the casing,

a cooling chamber disposed in the casing, with the casing forming a rear wall of the cooling chamber, a second evaporator for supplying cold air to the cooling chamber,

a first evaporator for supplying cold air to the cooling chamber,

a first fan communicating with the first evaporator for circulating cool air to the freezing chamber,

a second fan communicating with the second evaporator for circulating cool air to the cooling chamber, and a guide member disposed in the cooling chamber and in front of the rear wall for guiding cool air from the second evaporator downwardly while dividing the downward flowing cool air

into separate air streams and directing those streams in respective directions into the cooling chamber, wherein the guide member has

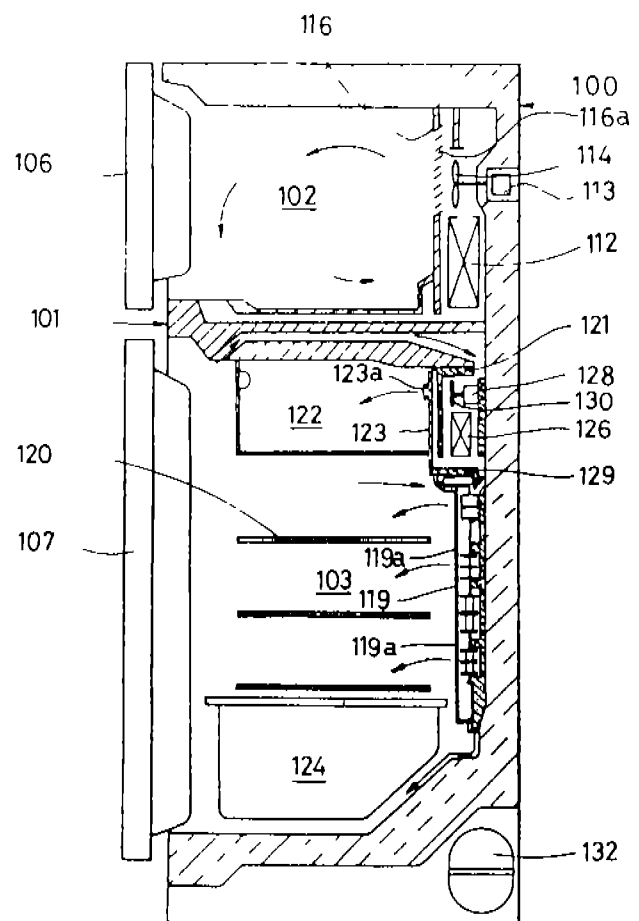
a support member for conducting cool air,

an insulating member disposed behind and upstream of the support member for creating the separate air streams,

a seal plate disposed between the rear wall and the insulating member for covering a rear side of the insulating member,

a rotatable adjustable louver member disposed in front of and downstream of the support member and having a flow distributing member for controlling a flow direction of respective ones of the air streams into the cooling chamber, the flow distributing member interconnected for common rotation, and a grille covering a front side of the support member and the louver member for separating the louver member from food disposed in the cooling chamber.

FIG. 4



(Complete Specification 63 Pages Drawing Sheets 24)

Ind. Cl. 206 F

186326

spatial displacement between said one of the feature point search block and most similar candidate block

Int. Cl.⁴ H 04 L-17/00

A VIDEO SIGNAL ENCODING APPARATUS

Applicant: DAEWOO ELECTRONICS CO. LTD. OF
541 Ga Namdaemoon Ro, JungKu, Seoul, Korea

Inventor: LEE MIN SAP

Application No. 1757/Cal/95 filed on 29.12.1995

Appropriate Office for Opposition Proceedings (Rule 4
Patent Rules 1972) Patent Office, Calcutta

(2 Claims)

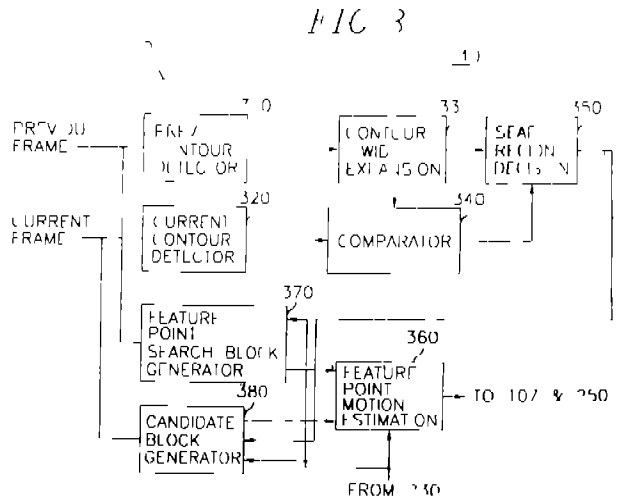
A video signal encoding apparatus comprising a current frame prediction circuit (150) for determining a set of motion vectors for a set of feature points to generate a predicted current frame, wherein the current frame prediction circuit (150) comprises a feature point motion vector search circuit (240) for estimating a set of motion vectors for a set of feature points located on a contour of a moving object in the current frame characterised in that the feature point motion vector search circuit (240) comprises

a contour displacement detection circuit (300) for detecting a contour displacement range between a previous contour of the moving object contained in a previous frame and a current contour of the moving object contained in a current frame by expanding the previous contour by a pixel position on both sides of the previous contour to generate a contour displacement signal,

a feature point search block generator (370) for extracting a set of feature point search blocks of an equal size from the previous frame, each of the feature point search blocks having one of the feature points at the center thereof, to sequentially generate the set of feature point search blocks,

a candidate block generator (380) for determining a feature point search region composed of a plurality of candidate blocks of equal size for each of the feature point search blocks from the current frame in response to the contour displacement signal wherein the size of a feature point search region is larger than the size of a feature point search block, and

a feature point motion estimation circuit (360) for comparing the feature point search block with each of the candidate blocks of a corresponding feature point search region and generating said set of motion vector for the set of feature points, wherein each motion vector represents a



(Complete Specification 20 Pages Drawing Sheets 4)

Ind. Cl. 110

186327

Int. Cl.⁴ B 31 B 1/00

A VARIABLE-DIAMETER KNIFE ROLL

Applicant: WINDMOLLER & HOLSCHER of
Minsterstrasse 50, 49525 Lengerich, GERMANY

Inventor: NEIER HEINZ, KARL-HEINZ FELD &
GUSTAN KUCHKERMANN

Application No. 176/Cal/96 filed on 12.9.96

(Convention No. 195041623 filed on 8.2.1995 in
GERMANY)

Appropriate Office for Opposition Proceedings (Rule 4
Patent Rules 1972) Patent Office, Calcutta

(15 Claims)

A variable diameter knife roll (20) comprising a knife (53, 53') extending parallel to the axis of the roll placed radially on a diametral plane, such knife being mounted on a knife carrier (52, 52') able to be adjusted radially outwardly and inwardly characterised in that the knife carrier (52, 52') is articulately connected with the joints (47, 48, 47', 48') connecting the two links (45, 45', 46, 46') of two expanding grilles (45, 45', 46, 46', 41, 41', 42, 42') or with respectively one of the arms extending past such joints of one of the links (45, 45', 46, 46') of the two expanding grilles (45, 45', 46, 46', 41, 41', 42, 42') in that respectively

one inner joint (40, 40') of a link (41, 41', 42, 42') of one of the two expanding grilles is arranged fixedly on a knife roller shaft (30) and in that the respectively other inner joint (43, 43') of the other links (45, 45', 46, 46') is arranged for adjustment in the axial direction on or in the knife roll shaft (30).

(Complete Specification : 15 Pages. Drawing Sheets : 6).

Ind. Cl. : 193, 170 B.

186328

Int. Cl.⁴ : C 03 C-17/00, 17/06, E 06 B-3/24, H 05 B.
3-26, B 60 L-1/02.

PANE FOR AUTOMOBILE VEHICLE ESPECIALLY REAR WINDOW OR LATERAL PANE.

Applicant : SAINT-GOBAIN VITRAGE of 18, Avenue d'Alsace, 92400 Courbevoie, FRANCE.

Inventor : CLAUDI MORIN & BEYRLE, ANDRE.

Application No. 257/Cal/96 filed on 12.2.1996.

(Convention No. 9501964 filed on 21.2.1995 in FRANCE).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta

(14 Claims)

Pane for automobile vehicle, especially rear window or lateral pane, characterized in that it comprises a glass sheet coated on its face intended to be towards the passenger compartment with a network comprising an opaque or essentially opaque enamel composition, with low emissivity and/or conductive of electricity, this network extending over essentially the entire area of the glass sheet corresponding to the field of view, with a rate of coverage by the enamel-type composition lying between 20 and 90%, and preferably between 25 and 80% of the area over which the network extends wherein the enamel-type composition contains at least one component producing a layer of weak emissivity, chosen from at least one metallic oxide of iron, chromium, cobalt, titanium, aluminium, copper, rhenium and indium, and/or at least one metal of silver, gold, platinum, and aluminium, and/or at least one mixture of said oxides and metals, having an emissivity lower than the emissivity of glass, that is to say less than 0.837.

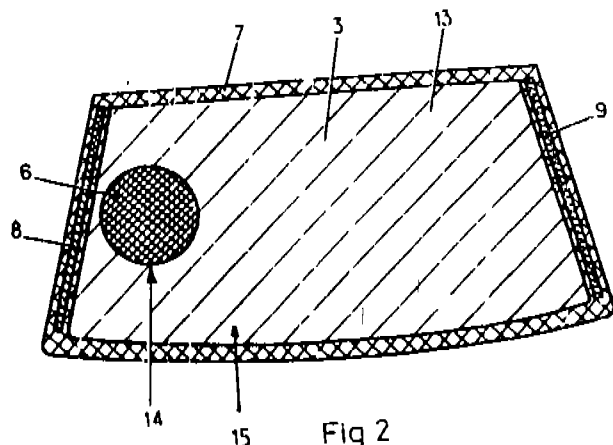


Fig 2

(Complete Specification : 16 Pages. Drawing Sheets : 2)

4-187GV/2001

Ind Cl : 83 B, 83 B,

185329

Int. Cl.⁴ : F 25 D-13/06 A 23 L - 3/04, 3/36.

A METHOD AND A DEVICE FOR PRODUCING AIR TREATED FOOD PRODUCTS CONVEYED ON A FORAMINATED CONVEYOR BELT.

Applicant : FRIGOSCANDIA EQUIPMENT AB of Rusthallsгатan 21, Box 913, S 251 09 Helsingborg, SWEDEN.

Inventor : ROTHSTEIN SVEN-OLLE.

Application No. 602/Cal/96 filed on 3.4.1996.

(Convention No. 9501239-9 filed on 5.4.1995 in SWEDEN).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

(7 Claims)

A method for producing air treated food products conveyed on foraminated conveyor belt, air being blown upwards towards the underside of the conveyor belt, characterised in that the air blown upwards through the conveyor belt and between the products is, transitionally and a distance above the conveyor belt, diverted in directions essentially contained in the plane of the conveyor belt and is drawn off through plurality of slit-shaped openings located above the conveyor belt and extending transversely of the longitudinal direction of said belt.

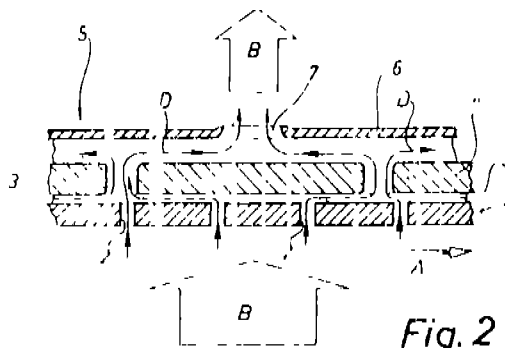


Fig. 2

(Complete Specification : 7 Pages. Drawing Sheet : 1).

Ind Cl. : 32 F 2 b.

186330

Int. Cl.⁴ : C 07 D-213/08, 213/09.

A PROCESS FOR THE PREPARATION OF PYRIDINE 2, 3-DICARBOXYLATE DERIVATIVES.

Applicant : AMERICAN CYANAMID COMPANY of Five Giralda Farms, Madison, New Jersey 07940 0874, UNITED STATES OF AMERICA.

Inventor : DOEHNER, ROBERT FRANCIS JNR.

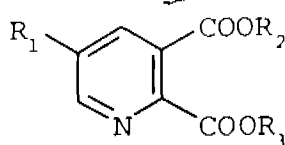
Application No. 313/Cal/99 filed on 6.4.1999.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

(9 Claims)

We claim

1 A process for the preparation of pyridine 2,3-dicarboxylate derivatives of formula I



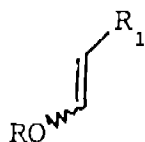
(I)

wherein R_1 is H or C_1-C_4 alkyl optionally substituted with

C_1-C_4 alkoxy or halogen, and

R_2 and R_3 are each independently C_1-C_6 alkyl which comprises

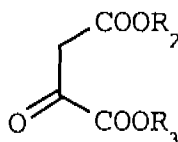
(a) reacting an alkyl vinyl ether compound of formula II



(II)

wherein the formula II compound is the cis isomer, the trans isomer or a mixture thereof, R is C_1-C_4 alkyl and R_1 is as defined for formula I with at least one molar equivalent of Vilsmeier reagent such as herein described optionally in the presence of a first solvent such as herein described to form a first intermediate,

(b) reacting said first intermediate with at least one molar equivalent of an oxalacetate of formula III



(III)

wherein R_2 and R_3 are as defined for formula I in the presence of at least two molar equivalents of an organic amine base to form a second intermediate, and

(c) reacting said second intermediate with an ammonia source optionally in the presence of a second solvent such as herein described to form the formula I pyridine diester product

(Complete Specification 13 Pages

Drawing Nil)

Ind Cl 32 E

186331

Int Cl⁴ C 08 L 27/06, 33/08

A PROCESS FOR PREPARING HYDROPHILIC COPOLYMER FOR USE AS ARTICLES IN THE MEDICAL FIELD ESPECIALLY CONTACT LENSES

Applicant BAUSCH & LOMB INCORPORATED, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF ONE LINCOLN FIRST SQUARE, PO BOX 54, ROCHESTER, NEW YORK 14601-0054, UNITED STATES OF AMERICA

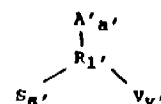
Inventor YU-CHIN LAI-U S A

Application for Patent No 1017/Del/92 filed on 5.11.1992

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

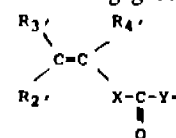
(21 Claims)

A process for preparing hydrophilic copolymer suitable for use as articles in the medical field, especially contact lenses, said process comprising polymerizing a monomer mix comprising at least one vinyl-containing monomer, optionally at least one styrene-containing monomer, and optionally at least one acrylic-containing monomer, and a crosslinking agent having the schematic representation.

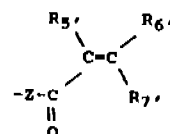


wherein

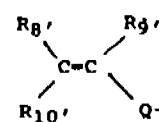
v—denotes a vinyl containing group having the formula



A'—denotes an acrylic-containing group having the formula



S—denotes a styrene-containing group having the formula



Wherein

R_1' is an alkyl radical derived from substituted and unsubstituted hydrocarbons, polyalkylene oxide, poly(perfluoro) alkylene oxide, dialkyl-capped polydimethylsiloxane, dialkylcapped polydimethylsiloxane modified with fluoroalkyl or fluoroether groups,

R_2-R_{10} are independently H, or alkyl of 1 to 5 carbon atoms;

Q is an organic group containing aromatic moieties having 6-30 carbon atoms;

x, y and z are independently O, NH or S;

v' is 1, or higher; and

a', s' are independently greater than or equal to 0, and a'+s' is greater than or equal to 1.

(Complete Specification : 70 Pages. Drawing Sheet : 1).

Ind. Cl. : 69 I.

186332

Int. Cl.⁴ : B 41M 5/26.

ELECTRICAL APPARATUS SUCH AS A LOW TENSION CIRCUIT BREAKER.

Applicant : GEC ALSTHOM EQUIPMENTS BASSE TENSION SA 38, AVENUE KLEBER, 75116 PARIS, FRANCE.

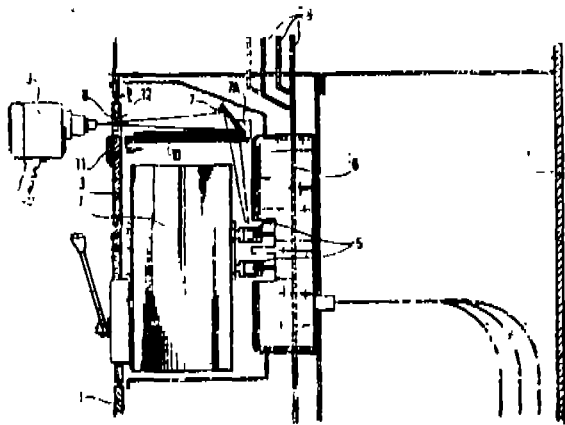
Inventor : GERARD ROULOT—FRANCE

Application for Patent No. 268/Del/93 filed on 18.3.1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(10 Claims)

Electrical apparatus such as a low-tension circuit breaker comprising a box (4) and connector contacts (5) disposed in a cabinet provided with a door or a front panel or shield (3), said connector contacts (5) being placed behind the box (4) relative to said door or panel or shield (3), wherein there is provided a reflecting means (7) located to reflect an infrared radiation beam that is part of the whole infrared radiation emitted by the heating of said connector contacts (5) and to focus said reflected beam on a focus area situated outside the cabinet, so that an infrared sensitive device (9) placed in this focus area measures the intensity of said reflected beam.



(Complete Specification : 10 Pages. Drawing Sheet : 1).

Ind. Cl. : 85K.

186333

Int. Cl.⁴ : F 23C 11/02.

AN IMPROVED FLUIDIZED BED COMBUSTOR DEVICE FOR COMBUSTION OF FUELS.

Applicant : M/S. BHARAT HEAVY ELECTRICALS LIMITED, OF BHEL HOUSE, SIRIFORT, NEW DELHI-110049, INDIA, AN INDIAN LIMITED COMPANY

Inventors : PULIPAKKAM RAMAKRISHNAN—INDIA, NAVANAN KAMALANATHAN—INDIA, SWAMINATHAN RAJARAM—INDIA, GOVINDASAMY VISWANATHAN—INDIA, JOSEPH ANTONY—INDIA, MANIVEL PILLAI RAJAVEL—INDIA & SRIRANGAM VASUDEVAN SRINIVASAN—INDIA.

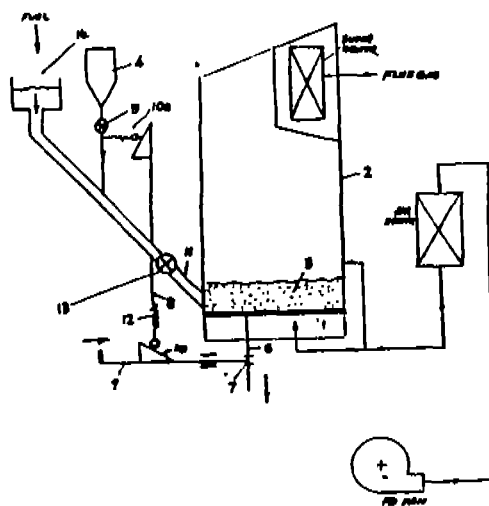
Application for Patent No. 383/Del/93 filed on 10.4.1993

Complete left after Provisional Specification filed on 19.7.1994

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(6 Claims)

An improved fluidised bed combustor device for combustion of fuels having high alkali contents comprising a hot air distributor plate (1) at the bottom boundary of the combustor enclosed by a membrane wall construction (2), said plate containing a plurality of air nozzles, a hot air source for continuous supply of hot air through said nozzles into the fluidised-bed (3) made up of inert material particle or particles, heat exchanger means provided above said fluidised bed for absorbing heat from the hot flue gases characterised in that, a fresh bed material introduction means



having a control device (5) provided for controlling the feeding of said fresh bed material in the fluidised bed (3), a fuel supply means (13, 11) provided to supply fuel to said fluidised bed, a drain pipe (6) connected to the bottom plane of said fluidised bed (3) at any convenient location in the cross-section thereof for draining out the contaminated/

reacted bed material from said fluidised bed, a lever (9) is provided to actuate a compressed spring (12) and linkage means (8) for operating said control device (5) so as to control the rate of draining of the bed material through said drain pipe (6) as well as feed of fresh bed material through pipe 11 into the bed to maintain a constant quantity of bed material and low concentration of alkali contents in the fluidised bed.

(Provisional Specification : 5 Pages. Drawing Sheet : 1)

(Complete Specification : 10 Pages. Drawing Sheet : 1)

Ind. Cl. : 32 F (3b). 186334

Int. Cl. : C 07C 51/12.

PROCESS FOR THE PRODUCTION OF ACETIC ACID

Applicant : BP CHEMICALS LIMITED, A BRITISH COMPANY, BRITANNIC HOUSE, 1 FINSBURY CIRCUS, LONDON EC2M 7BA, ENGLAND.

Inventors : SIMON DAVID AUBIGNE - ENGLAND, JEREMY BERNARD COOPER - ENGLAND, DERRICK JOHN WATSON - ENGLAND & BRUCE LEO WILLIAMS ENGLAND.

Application for Patent No. 545/Del/93 filed on 26.5.93

Convention date 2.6.92/9211671.4/UK.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(12 Claims)

A process for the production of acetic acid which process comprises:

- (a) feeding methanol and carbon monoxide to a carbonylation zone in which there is maintained during the course of the process pressure in the range 17 to 100 bara, a temperature in the range 150 to 250°C and a liquid reaction composition comprising:
 - (i) a rhodium carbonylation catalyst;
 - (ii) methyl iodide;
 - (iii) a carbonylation catalyst stabiliser comprising an iodide salt which is soluble in the reaction composition;
 - (iv) water at a concentration of upto about 10% by weight;
 - (v) methyl acetate at a concentration of at least 2% by weight;
 - (vi) acetic acid, and
 - (vii) optionally corrosion metals comprising one or more of iron, chromium manganese, nickel, molybdenum and the like.
- (f) withdrawing liquid reaction composition from the reactor and introducing it, with or without the

addition of heat, to a flash zone to form a vapour fraction comprising water upto about 8% by weight, acetic acid product, propionic acid by-product and the majority of the methyl acetate and methyl iodide from the flash zone feed, and a liquid fraction comprising involatile rhodium catalyst, involatile catalyst stabiliser, acetic acid, water and the remainder of the methyl acetate, methyl iodide and propionic acid by-product from the flash zone feed,

- (c) recycling the liquid fraction from the flash zone to the carbonylation zone, and recovering acetic acid product from the flash zone vapour fraction by use of a single distillation zone by
- (d) introducing the vapour fraction from the flash zone into the distillation zone as a vapour and/or liquid,
- (e) removing from the head of the distillation zone a high ends recycle stream comprising water, methyl acetate, methyl iodide and acetic acid, and
- (f) removing from the distillation zone at a point below the introduction point of the flash zone vapour fraction, and acid product stream having a water concentration of less than 1500 ppm and a propionic acid concentration of less than 500 ppm,
- (g) and if desired removing the contaminants if any from the acetic acid obtained.

(Complete Specification : 23 Pages. Drawing Sheet : Nil)

Ind. Cl. : 32 F₂ b 186335

Int. Cl.⁴. A 61 K-31/33 31/405, C 07 D 209/04

AN IMPROVED PROCESS FOR THE PREPARATION OF 2-OXINDOLE-1-CARBOXAMIDES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

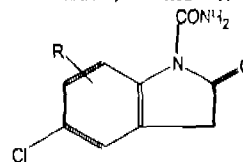
Inventors : THOTTAPPILLIL RAVINDRANATHAN-India, RADHIKA DILIP WAKHARKAR-India, ARVIND BHALCHANDRA SAHASRABUDHE-India, VINAYAK RAMRAO KULKARNI-India, VISHNU HARI DESHPANDE-India, and HANUMANT BAPURAO BORATE-India

Application for Patent No. 2633/Del/96 filed on 29th November, 1996

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(7 Claims)

An improved process for the preparation of substituted 2-oxindole 1-carboxamides, of the formula 3



wherein R=H, OMe or halogen which comprises treating an aqueous solution of appropriate 2-oxindole with metal hydroxide at temperature ranging between 100°–200°C cooling and evaporating water to obtain the corresponding metal carboxylate, refluxing of the metal carboxylate with solution of urea in water or alcohol, at a temperature between 110–170°C, evaporating the solvent to obtain the residue refluxing the residue with dilute acid for 2 to 6 hrs, cooling and adjusting pH to 3–7, and extracting the aqueous solution with water immiscible lower aliphatic organic solvent, treating the extract with activated charcoal concentrating the solution of resultant product in the organic solvent, and crystallizing the resultant product with alcohol to obtain substituted 2-oxindole-1-carboxamides

(Complete Specification See Serial No. 186336)

Ind Cl 55D, 17B₁ 186336

Int Cl C07C 179/10

PROCESS FOR PREPARING A STABILIZED SOLID COMPOUND CONTAINING ACTIVE OXYGEN

Applicant SOLVAY INTEROX GMBH, A GERMAN COMPANY, OF MISBURGER STR., 81C, 30625 HANNOVER, GERMANY

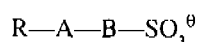
Inventors DR RICHARD ROSLER–Belgium, DR MANFRED MATHES–Germany and DR GERD HECKEN–Germany

Application for Patent No 76/Del/97 filed on 9/1/97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

(14 Claims)

A process for preparing a stabilized solid compound containing active oxygen, said process comprising coating in a known manner solid particles of a compound containing active oxygen with a coating material which contains essentially a mixture of (a) an aliphatic carboxylic acid having 10 to 22 carbon atoms or an alkali or alkaline earth metal salt thereof and (b) an alkali or alkaline earth metal salt of an anionic surfactant in a wt ratio of (a) to (b) in the mixture of from 1/4 to 4/1, the anion of the surfactant being of the general formula I



I

where

A—represents a bond or an aromatic hydrocarbon group having 6 to 10 carbon atoms optionally substituted by a SO_3^{\ominus} or lower alkyl group,

B—represents a bond or oxygen, and

R—represents an alkyl group having 8 to 18 carbon atoms

AGENT RIMFERY & SAGAR

(Complete Specification 23 Pages Drawing Sheet—Nil)

Ind Cl 189 186337

Int Cl A61K 7/035

A DUAL CHAMBER DISPENSING SYSTEM FOR APPLYING A BIOLOGICALLY EFFECTIVE COMPOSITION

Applicant COSMOFORM B V, OF WATERINGSEWEG 1 2611 XT DELFT, THE NETHERLANDS

Inventors LUPPO EDENS–Netherlands, HONG SHENG TAN–Netherlands and JOHANNES WILHELMUS JACOBUS LAMBERS–Netherlands

Application for Patent No 276/Del/97 filed on 31/1/1997

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

(17 Claims)

A dual chamber dispensing system for applying a biologically effective composition as herein described in an active form, said system comprising a device having a first and a second separate chamber that respectively contain a first aqueous composition and a second aqueous composition and a dispensing means that cause the simultaneous dosing of said two aqueous compositions to obtain a final composition that is directly applied, wherein,

said first composition is a stable formulation of an enzyme in the presence of a polypl pf the kind such as herein described, said second composition is an aqueous composition as herein described which reactivates the enzyme,

said final composition contains an effective concentration of said reactivated enzyme, and

said first composition and said second composition are dispensed in a ratio from about 1/1 to about 1/50

(Complete Specification 42 Pages Drawing Sheets 3)

Ind Cl 55E₄ 186338

Int Cl C07C 53/122

AN IMPROVED PROCESS FOR THE PREPARATION OF 3-BENZOTHIOL-2(S)-METHYL PROPIONIC ACID

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA (AN INDIAN BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT XXI OF 1860)

Inventors THOTTAPPILLIL RAVINDRANATHAN–India, GOVIND TRYAMBAK PANSE–India, SUBHASH KRISHNAJI KAMAT–India, SUBHASH PRATAPRAO CHAVAN–India & RAMALINGAM SADYANDY–India

Application for Patent No 3066/Del/97 filed on 24 10 1997

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005

(4 Claims)

An improved process for the preparation of 3-benzoylmercapto-(2S)-methyl propanoic acid, which comprises reacting D-amino-diol (1-phenyl-2-amino-1, 3-propanedio) with 3-benzoylthio-2-(RS)-methyl-propionic acid in organic solvent for a period ranging between 15-20 hrs at temperature ranging from 25-30°C, separating the solid by conventional methods like filtration, decantation and purifying the solid by crystallizing neutralizing the solid with acid in order to obtain 3-benzoylthio-2(S)-methyl-propionic acid

(Complete Specification 7 Pages Drawing Sheet Nil)

Ind Cl 32 F(39)

186339

Int Cl⁴ C07C, 69/03

A PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE CARBOPROST METHYL ESTER

Applicant COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventor(s) THOTTAPPILLIL RAVINDRANATHANI India and RADHIKA DILIP WAKHARKAR—India

Application for Patent No 1994/Del/97 filed on 17 7 1997

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005

(8 Claims)

A process for the preparation of optically active carboprost methyl ester of the formula I

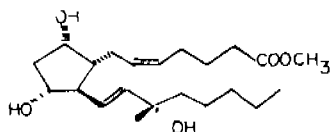


FIG I

which comprises, preparing the solution of 5, 6-didehydro 15-methyl postaglandin F_{2a} analogues of the general formula III (a, b, c) as

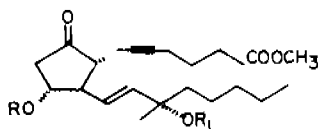


FIG III (a, b, c)

wherein in compound III (a) R=tertiarybutyl dimethyl silyl, R₁=H, in compound III(b) R= tertiarybutyl dimethyl silyl, R₁= trimethylsilyl, in compound III(c) R=R₁= tertiarybutyl dimethyl silyl in an organic solvent, contacting this solution with a conventional hydrogen catalyst under hydrogen atmosphere, stirring the mixture for a period in the range of 6 to 18 hr at ambient temperature, separating the catalyst by filtration, removing the solvent from the filtrate at an ambient temperature in the range of 40-60°C to collect a crude residue of the compound of formula IV(a, b, c),

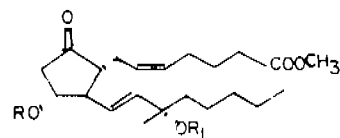


FIG IV (a, b, c)

preparing and cooling an ethereal solution of the compound IV to a temperature in the range of -78°C to -40°C, treating this solution with a reducing agent such as herein described under stirring for a period in the range of 30-60 min at the same temperature and quenching the reaction with a quenching agent, preferably with water and/or 3-5% H₂O₂, extracting the product in a conventional water immiscible organic solvent, evaporating the solvent under vacuum at a temperature in the range of ambient to 40°C to obtain the crude product having the formula V(a, b, c)

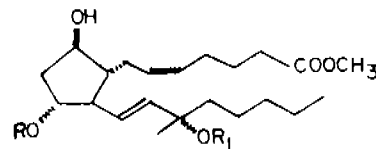


FIG V (a, b, c)

deprotecting the crude product using a deprotecting agent preferably tetrabutyl ammonium fluoride or acetic acid in tetrahydrofuran and purifying the product of the formula I by column chromatography to obtain the pure product

(Complete Specification 14 Pages Drawing Sheet 1)

Ind Cl 32 F(2b)

186340

Int Cl⁴ A01N 43/84

METHOD FOR PREPARING SYNERGISTIC FUNGICIDAL MIXTURES FOR THE CONTROL OF PLANT DISEASES

Applicant AGROGENE LTD AND CTS LTD, OF 27 HERTZFELD 55600 KIRYAT ONO ISRAEL, BOTH COMPANIES INCORPORATED AND EXISTING IN ISRAEL

Inventor COHEN YIGAL—Israel

Application for Patent No 674/Del/2000 filed on 21 7 2000

Divisional out of Patent Application No. 27/Del/97 filed on 3.1.1997. Anti dated to 3.1.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

(3 Claims)

A method for preparing synergistic fungicidal composition for combatting phytopathogenic fungi in a plant comprising mixing:

- (a) cymoxanil.
- (b) dimethomorph : and
- (c) a contact fungicide selected from the group consisting of folpet, chlorothalonil and mancozeb, in a synergistically fungicidally, aggregate amount, wherein the weight ratio of contact fungicide to cymoxanil to dimethomorph is in a range from 7.5:1.5:1 to 5:1.5:1.

(Complete Specification : 18 Pages. Drawing Sheet : Nil.).

Ind. Cl.: 83 B₄ Gr. [XIV(5)]. 186341

Int. Cl. : A 23 L-1/20.

A PROCESS FOR MANUFACTURING TOMATO PRODUCTS WITH MANIPULATED AROMA PROFILE.

Applicants : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventor(s): 1. INGE ELISABETH M. DEUTZ, 2. LAURE CHRISTIANE FRAYSSE & 3. HENDRIKUS THEODORUS W.M. VAN DER HIJDEN.

Patent Application No. 380/Bom/98 filed on 16.6.1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(11 Claims)

A process for manufacturing tomato products with manipulated aroma profile, the process comprising the following steps:

- (a) adding an enzyme with alcohol dehydrogenase activity to a plurality of tomato pieces;
- (b) adding either a cofactor of alcohol dehydrogenase, an electron donor or an electron acceptor to the plurality of tomato pieces; and
- (c) incubating the plurality of tomato pieces wherein the enzyme is used in an amount of 0.1–1000 U/ml and the incubation is from 1–60 minutes.

(Complete Specification : 33 Pages. Drawing Sheet : Nil)

Ind Cl : 55 E2+E4

186342

Int Cl : A 61 K 31/00

A PROCESS FOR MANUFACTURE OF AN ANTIGENIC PEPTIDE SUITABLE FOR USE IN HIV DIAGNOSIS

Applicant : LUPIN LABORATORIES LTD 159, C S T ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, MAHARASHTRA, INDIA

Inventors : 1 RUPINDER SINGH, 2 PRADEEP SEHGAL, 3 R P TIWARI & 4 G V KANAUIA.

Application for Patent No. 676/Bom/98 filed on 22.10.1998

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

(18 Claims)

A process for manufacture of an antigenic peptide suitable for use in HIV diagnosis comprising,

- (a) providing a first amino acid having an amino protecting group and a side protecting group corresponding to peptide sequences selected from at least one of gp 36 and gp 41 and reacting the same with a resin such as herein described to obtain corresponding protected amino acid of said gp sequence-resin complex;
- (b) deprotecting the amino protecting group of said complex;
- (c) coupling the free amino group with a further protected amino acid corresponding said gp sequence and bonding to said complex,
- (d) repeating steps (b) (c) above to thereby provide a protected peptide resin complex,
- (e) obtaining therefrom said peptide-resin complex, the desired peptide having the desired sequences selected from

(i) gp 41

CRILAVERYLKDQQLGIWGCSGKLLIC

Comprising an epitope having 25 amino acids

(ii) gp 36

CQDQARLNSWGCAFRQVC

Comprising an epitope having 16 amino acids.

(Complete Specification : 25 Pages. Drawing Sheets : 5)

Ind. Cl : 55 B 3[XIX(1)].

186343

Int. Cl. : C11 D-9/50

A PROCESS FOR MANUFACTURE OF A WASHING COMPOSITION.

Applicant : HINDUSTAN LEVER LIMITED A COMPANY INCORPORATED UNDER THE INDIAN

COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors : 1. PETER SIMON CAREW, 2. PETER GALLAGHER, 3. PETER CHRISTOPHER KONIDARIS, 4. STANLEY LAM, 5. EUAN STUART REID & 6. IAN BERKELEY WALTON.

Application for Patent No. 740/Bom/98 filed on 23.11.98.

Priority of G.B. (UK) Application No. 9725013.8 dated 26.11.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

(7 Claims)

A process for manufacture of a washing composition comprising preparing an emulsion of silicone droplets comprising:

- (a) dispersing the solid agent selectively in amount of from 0.001% to 5% by weight based on total weight preferably a solid antimicrobial agent, most preferably zinc pyridinethione into from 0.01 to 10% by weight based on total weight of silicone fluid and
- (b) emulsifying the dispersion so obtained, thereby forming an emulsion of silicone droplets comprising:
 - (i) a continuous silicone phase and
 - (ii) a dispersed phase of solid particulate active agent.

(Complete Specification : 26 Pages. Drawing Sheet : Nil).

Ind. Cl. : 55 D 2[XIX(1)]. 186344

Int. Cl.: A 01 N, 27/00.

AN IMPROVED PROCESS OF SEPARATING 2,5-DICHLOROPHENOL FROM ITS EUTECTIC MIXTURE WITH 2, 4-DICHLOROPHENOL.

Applicant : GHARDA CHEMICALS LTD. MIDC, B-27, & 29, PHASE 1, DOMBIVLI(E)-421203, MAHARASHTRA, INDIA.

Inventors : 1. BEHRAMKAMDIN M. M., 2. CHANDIRAN T., 3. JOSEPH P. C., 4. GAWAS P. K. & 5. DAKORWALA T. S.

Application for Patent No. : 559/Bom/98 filed on 2.9.1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

(1 Claim)

An improved process of separating 2,4-dichlorophenol from mixtures of eutectic composition of 2, 4-dichlorophenol and 2,5-dichlorophenol comprising the following steps:

- (i) treating the mixture with aqueous ammonia in less than one mole per mole on total dichlorophenol over a period of 2 to 3 hours at 40—45°C.
- (ii) cooling gradually to 30°C with stirring.
- (iii) precipitating 2, 4-dichlorophenol ammonium salt.
- (iv) recovering solid 2, 4-dichlorophenol ammonium salt by filtration and filtrate enriched 2, 5-dichlorophenol ammonium salt separated.
- (v) decomposing ammonium salt in boiling water to recover dichlorophenols and ammonia;
- (vi) crystallizing to get pure dichlorophenols.
- (vii) selective crystallizing to obtain high purity (97%) 2, 4-dichlorophenol;
- (viii) crystallizing the filtrate to obtain pure 2, 5-dichlorophenol.

(Complete Specification : 6 Pages. Drawing Sheet : Nil).

Ind. Cl.: 32 F₂(b). 186345

Int. Cl. : C 07 D-499/18 & C 12 P-37/06.

AN IMPROVED PROCESS FOR THE MANUFACTURE OF 6-AMINO PENICILLANIC ACID.

Applicant : KOPRAN LTD., PARIJAT HOUSE, 1076, DR. E. MOSES ROAD WORLI, MUMBAI, 400 018, P. B. No. 9917, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

Inventor(s): 1. SUBHASH MALI, 2. RAJAN GUPTA, 3. RAJESH AGRAWAL & 4. JAYANT DESHPANDE.

Application for Patent No. 751/Bom/98 filed on 24.11.1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

(9 Claims)

An improved process for the manufacture of 6-amino penicillanic acid, which comprises of following steps:—

- (a) hydrolysing potassium salt of penicillin G or V solution using penicillin amidase biocatalyst,
- (b) filtering the reaction mass through # 400 mesh to separate the biocatalyst,
- (c) concentrating the filtered hydrolysed mass by reverse osmosis,
- (d) characterised by diluting the concentrated hydrolysed mass with 6-APA mother liquor of previous batch,
- (e) precipitating the 6-APA by iso-electric precipitation at PH 4.2.

(Complete Specification : 8 Pages. Drawing Sheet : Nil).

Ind. Cl. : 55A [XIX (1)].

186346

Int. Cl. : C 11 D, 9/50

A METHOD OF PRODUCING BAR COMPOSITIONS HAVING BACTERIOSTAT. ACTIVITY OF GREATOR THAN ABOUT 99.9% IN 60 SECONDS OR LESS.

Applicant : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-4000 20, MAHARASHTRA

Inventor(s) : 1. MITSUKO FUJIWARA, 2. CAROL KREGLER VINCENT, 3. KAVSSERY PARAMESWARRAN ANANTHAPADMANABHAN & 4. MICHAEL PAUL ARONSON.

Application for Patent No. : 4/Bom/99 filed on 4.1.1999

Priority data No. 09/004,356 dated 8.1.1998 of U.S.A.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(5 Claims)

1. A method of producing a bar composing bar compositions having bacteriostat activity of greater than about 99.9% in 60 seconds or less said bar comprising

- (a) 60% to 98% by wt of a fatty acid soap fraction comprising one or more soaps such as herein described;
- (b) 0 to 10% halogenated bacteriostat; and
- (c) 0 to 20% non-soap surfactant selected from the group consisting of anionic, nonionic, zwitterionic, cationic surfactant and mixture thereof;

which method comprises selecting at least one soap in the fraction (a) to obtain the most surface active, yet soluble soap component measured under a given condition and either manipulating the concentration of said soap relative to other soaps in the fraction and/or manipulating the counterion on any soap in the fraction such that zein dissolution ratio is greater than 1;

wherein ratio of 1 corresponds to zein dissolution ratio of bar comprising 82% sodium tallowate and 18% sodium cocoate.

(Complete Specification : 23 Pages. Drawing Sheets : 5)

Ind. Cl. : 185.

186347

Int. Cl.: A 23 F-3/18.

A METHOD OF MAKING A COLD WATER SOLUBLE INSTANT BLACK TEA POWDER.

Applicants : HINDUSTAN LEVER LIMITED, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventor(s) : 1. IAN NOBLE & 2. JEFFRY BRYN RICHARDS.

5-187GI/2001

Application for Patent No. 99/Bom/99 filed on 8.2.1999

Divisional to Patent Application No. 325/Bom/97 dated 28th May, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(14 Claims)

A method of making a cold water soluble instant black tea powder, comprising treating an aqueous infusion of black tea that contains cold water soluble black tea solids but is substantially free of cold water insoluble tea solids with an oxidising agent in a reaction vessel at a temperature and pressure in excess of the ambient temperature and pressure so as to improve the colour characteristics thereof, concentrating the mixture of solids if desired, and drying so as to give a cold water soluble powder

(Complete Specification 13 Pages Drawing Sheet Nil)

Ind. Cl. 40 F

186348

Int. Cl. C07 D 499/18

METHOD OF IMPROVING THE REVERSE OSMOSIS RECOVERY OF 6 AMINO PENICILLANIC ACID FROM AQUEOUS STRLAM

Applicant & Inventor KOPRAN LTD, PARIJAT HOUSE 1076, DR E MOSES ROAD, P B NO 9917 WORLI MUMBAI-400 018, MAHARASHTRA, INDIA

Application No 124/Bom/1999, filed on 24.2.1999

(7 Claims)

A method of improving the RO recovery of 6-APA from aqueous stream, which comprises of,

- (a) recirculating 5—90 ppm of polyvinyl pyrrolidone in water through polysulfone O membrane held in spiral-wound configuration incartridge, 15 min to 600 min at 10—40 bar pressure and 4°-30°C,
- (b) flushing the membrane in the cartridge with DM water for 10—45 min,
- (c) concentrating the 6-APA mother liquor (containing 0.3 to 0.4% 6-APA w/v) for 8 Hrs at 35 bar and 15°C,
- (d) precipitating 6-APA by isoelectric precipitation at pH 4.2.

(Complete Specification : 7 Pages. Drawing Sheet Nil)

Ind. Cl. : 32 F₁+32F₁ (a).

186349

Int. Cl.: C07C 67/14

A PROCESS FOR MANUFACTURING ESTERS OF 3-PHENOXY BENZYL ALCOHOL.

Applicant : MITSU INDUSTRIES LTD., 304/2, G I D C VAPI-396 195, GUJARAT, INDIA.

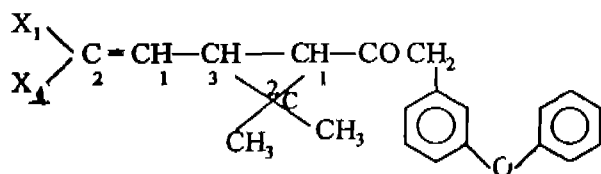
Inventor(s) : DR. PRAMOD KUMAR MINOCHA.

Application for Patent No. : 519/Bom/99, filed on 23.7.1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

(4 Claims)

A process of preparing esters of 3-phenoxy benzyl alcohol of general formula I.



Formula I

wherein X_1 is chlorine or methyl, comprising dissolution of m-phenoxy benzyl alcohol in a hydrocarbon based solvent or halogen substituted hydrocarbon based solvent with stirring which is gradually reacted with corresponding acid at a temperature 40–80°C in their original sterio chemical ratio which are purified by washing and solvent distillation to yield the title product.

(Complete Specification : 6 Pages. Drawing Sheet : Nil).

Ind. Cl.: 55E4.

186350

Int. Cl. : A 61 K-31/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF SYNERGISTIC AYURVEDIC COMPOSITION FOR TREATMENT OF ACNE, PIMPLES AND FAIR CLEAN FACE.

Applicant & Inventor : LAXMAN PANDURANG KULKARNI, AT & POST-NANDGAON, TALUKA & DIST. SATARA, MAHARASHTRA, INDIA.

Application No. 982/Bom/99 filed on 29.12.1999.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

(1 Claim)

An improved process for the preparation of synergistic composition for treatment of acne, pimples and fair clean face comprises the following steps:

- (a) grinding the active ingredients after roasting in a vessel at 70° to 80°C for 15 minutes in the following ratios :

Sonkav 55%

Katha (Catechu) 10%

Coriander 10%

- (b) grinding additives such as Alum 10%, Camphor 5%, Cordamom 10% to a mesh size of 20 μ in a pulverizer,

- (c) mixing the powdered ingredients of step (a) in a powdered mixture of step (b) in a homogenizer,

- (d) sieving the resultant mixture of step (c) through a fine cotton cloth size of 20 μ ,

- (e) evaporating the moisture of the resultant sieved mixture by heating and sieving through white cotton cloth of 20 μ ;

- (f) mixing the resultant Ayurvedic powder in a cold milk with constant stirring in 1:1 ratio in w/w basis to obtain the synergistic composition.

(Complete Specification 5 Pages. Drawing Sheet Nil).

Ind Cl : 9F.

186351

Int. Cl. : C22C 1/02.

A PROCESS OF MANUFACTURING, FROM METAL POWDERS OR THEIR OXIDES, PARTIALLY ALLOYED POWDERS FOR POWDER METALLURGICAL APPLICATIONS.

Applicant & Inventors : 1. SUBHANJAN MOHANTY VIKAS ASHRAM, SOMALWADA, NAGPUR-440025, MAHARASHTRA STATE INDIA. 2. ANIRUDDHA VILEKAR AND 3. MRS. SOUMYA VILEKAR, BOTH OF 69 INDUSTRIAL AREA, RATLAM-457001, MADHYA PRADESH, INDIA

Application for Patent No. : 83/Bom/96 filed on 8.2.1996.

Complete Specification after provisional Specification 11.6.1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(2 Claims)

A process of manufacturing, from metal powders or their oxides, partially alloyed powders for powder metallurgical applications, comprising the steps of mixing two or more metal powders to near homogenization, in proportions required in the alloy; heating such a mixture under a controlled atmosphere, below the melting point of its major constituent and above the melting point of at least one of the minor constituents, to provide for bondings by way of diffusion of the edges of the minor constituent particles to the boundaries of the major constituent particles and cooling the mixture so obtained in the controlled atmosphere, which mixture either remains in powder form or becomes a soft cake, which is then pulverized to form partially alloyed diffusion bonded particles.

(Provisional Specification : 7 Pages. Drawing Sheet Nil)

(Complete Specification : 10 Pages. Drawing Sheet : Nil).

Ind Cl 189 [L XVI(9)]

186352

Int Cl A 61 K, 7/16

A PROCESS FOR MAKING AN ORAL PREPARATION HAVING AN ANTI-CARIES ACTIVITY

Applicant HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1913 OF HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA

Inventor 1 CHRISTOPHER DAVID GIBBS

Application No 84/Bom/96, filed on 8 2 1996

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-400 013

(2 Claims)

A process for making an oral preparation having an anti caries activity, comprising mixing 1-50% by weight of pyruvic acid or an orally-acceptable salt thereof with 1-20% by weight of urea or a derivative thereof and/or 1-50% by weight of arginine or a derivative thereof

Complete Specification 8 Pages Drawing Sheets 2)

Ind Cl • 170A

186353

Int Cl C 11 D-1/38, 1/62, 1/86

CLEANING COMPOSITION COMPRISING QUATERNISED POLYDIMETHYLSILOXANE AND NONIONIC SURFACIANT

Applicant HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION MUMBAI 400 020, MAHARASHTRA, INDIA

Inventor MATTHEW JAMES LEACH

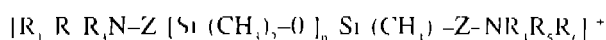
Application No 89/Bom/96 filed on 13 2 1996 Priority date G B dt 23 2 1995

Appropriate Office for Opposition Proceedings, (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(8 Claims)

Aqueous, hard-surface cleaning composition comprising surfactant, wherein said surfactant comprises

- (a) at least 65% wt on total surfactant of nonionic surfactant,
- (b) less than 1% wt on total surfactant of anionic surfactant and
- (c) 0.1-35% wt on total surfactant of a quaternised polydimethyl siloxane comprising cation of the general formula



wherein R_1, R_2, R_3, R_4, R_5 , and R_6 are independently alkyl or hydrogen, Z is a linking group and n is 1-200

(Complete Specification 19 Pages Drawing Sheet Nil)

Ind Cl 101 [XXV III(2)] B+F

186354

Int Cl E 02 B 3/04, 3/08

A HARBOUR AND A METHOD OF MAKING HARBOURS ON THE SHORE LINE TYPICALLY ROCKY SHORE LINE

Applicant DR MEKA PAPA RAO, 304, SHIVSMRITI, 49, DR ANNIE BESANT ROAD, WORLI, MUMBAI 100 018, MAHARASHTRA, INDIA

Inventor -IDEM-

Application No 112/Bom/96, filed on 27 2 1996

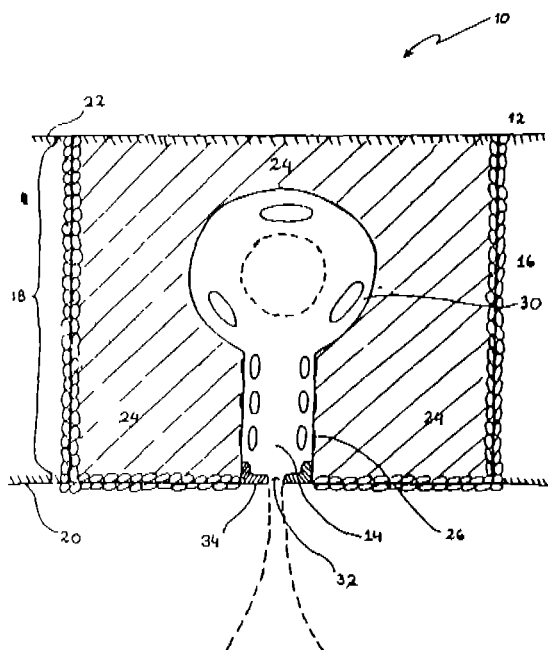
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(12 Claims)

A method of making harbours on the shore line typically, rocky shore line, comprising the steps of,

Construction a coffer dam near the low tide line and up to the shore to create a dry zone in the inter tidal zone,

excavating a channel in the created dry zone or in the seabed adjacent to the shore at least in the inter tidal zone between the low tide line and the high tide line, typically 300 to 500 meters wide and upto a predetermined depth adequate to accommodate ocean going ships and vessels using conventional earth moving machinery and equipment operatable on land,



reclaiming the dry land adjacent to the channel in the inter tidal zone by using the rock and the soil recovered in the excavation, and

levelling the reclaimed dry land and constructing berths on the reclaimed and levelled dry land for berthing ocean going vessels in the channel

(Complete Specification : 12 Pages : Drawing Sheet : 1)

Ind. Cl : 36 A(3) 186355

Int. Cl. : B04B 9/00 9/02

A CENTRIFUGAL PUMP OF FRACTIONAL HORSE POWER

Applicant : CROMPTON GREAVES LIMITED, 1, DR. V. B. GANDHI MARG, MUMBAI-21 MAHARASHTRA, INDIA

Inventor : 1. NAGARAJ RAVI, 2. SIVADAS ALAKKAL KIZHAKKETHIL & 3. VIJAY PARSHURAM BAPAT

Application No : 43/Bom/97, filed on 22.1.1997

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

(9 Claims)

A centrifugal pump of fractional horse power consisting of a plastic material support frame comprising a column member provided with a flange integrally formed therewith at the top thereof and a mounting plate disposed over the top thereof abutting the flange and removably fixed to the flange, the mounting plate being adapted to be rigidly mounted on a rigid surface, a plastic material pump housing disposed at the bottom of the column member and provided with a discharge so put laterally thereof and a filter at the bottom thereof, the pump housing being of two piece construction comprising two lateral shells adapted to be detachably rigidly fitted to each other, one of the lateral shells being integrally formed with the bottom of the column member, an asynchronous motor detachably rigidly mounted at the top of the support frame, the motor shaft being rotatably disposed in the column member, the lower end of the motor shaft being disposed in the pump housing through a hole in the pump housing and an impeller rigidly mounted at the lower end of the motor shaft.

(Complete Specification : 18 Pages. Drawing Sheets : 12).

Ind. Cl : 208[XLII](6) 186355

Int. Cl. : B 43 K-7/02.

AN IMPROVED BALL POINT PEN WITH RUBBER STAMP

Applicant : MR. CHANDRAVADAN KHATRI, OF 31, CHERRY HILLS ROAD, CONCORD, ONTARIO, L4K 1M2, CANADA, CANADIAN NATIONAL.

Inventor : -IDEM-

Application No. : 175/Bom/97, filed on 27.3.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(2 Claims)

An improved ball-pen with stamp pad and rubber stamp comprising a ball-pen (1) the upper part (2), the cap of ball-pen is provided with pocket clip which is detachably attached with the lower part of ball-pen carrying inside two segments, segment (3) which carries the rubber stamp pivotably fixed with the back of the ball-pen on which a stamp pad is attached in a push-fit arrangement and the segment (4) is carrying a stamp and pivotably fixed facing the rubber stamp which is connected to the back of the ball-pen with a biasing means.

(Complete Specification : 5 Pages : Drawing Sheets : 2)

Ind. Cl : 80 D (XI) 186357

Int. Cl. : B 01 D, 33/00

FILTER ELEMENTS FOR INTERNAL COMBUSTION ENGINE

Applicant : FILTERWERK MANN+HUMMEL GMBH, HINDENBURGST. 37-45, POSTFACH 409, 71631, LUDWIGSBURG, GERMANY, GERMAN COMPANY

Inventor : GUNTER GORG

Application No : 233/Bom/97, filed on 21.4.1997. Priority data No : 19618413 4, dated 8.5.1996 of Germany.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

(5 Claims)

Claim 1 —A tubular filter for internal combustion engine comprising a tubular housing, filter elements, a gas inlet and a gas outlet characteristics in that the filter elements are made of a mesh, Rachel, knit or woven material with at least one coarse part and a fine part.

(Complete Specification : 10 Pages. Drawing Sheets : 4)

Ind. Cl. : 201 D. 186358

Int. Cl. : C 02 F, 3/34

A PROCESS FOR THE SPROTION OF TOXIC TRACE AND HEAVY METALS AND ORGANIC CHEMICALS FROM EFFLUENTS USING GRANULATED NON-LIVING BIOMASS OF THE FUNGUS RHIZOPUS SPECIES

Applicant : IIT (INDIAN INSTITUTE OF TECHNOLOGY), BOMBAY AN INDIAN INSTITUTE OF TECHNICAL EDUCATION AT POWAI, MUMBAI-400076, MAHARASHTRA, INDIA.

Inventor(s) : 1. DR. SHYAM RAMCHANDRA ASOLEKAR, 2. DR. G. K. SURESHKUMAR, 3. NIRAJ ASHVIN SHAH & 4. IYNAMPUDI PADMA SUHASINI.

Application No. : 371/Bom/1997, filed on 20.6.1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(3 Claims)

A Process for the sorption of toxic trace and heavy metals and organic chemicals from effluents using granulated non living biomass of the fungus *Rhizopus* Species consisting of contracting the effluents with the granulated biomass

(Complete Specification 10 Pages Drawing Sheet 1)

Ind Cl 204 [XLI (10)] 186359

Int Cl A 47 F, 1/035

AN IMPROVED DEVICE FOR MEASURING DOSE & DISCHARGE SOLID MATERIAL

Applicant MR DILIP CHAMPAKLAL SANGHAVI, MR VIPINCHANDRA CHAMPAKLAL SANGHAVI, MR MANISH SHASHIKANT SANGHAVI, MRS JYOTI ANIL SANGHAVI, PARTNERS OF VIPIN-CHANDRA TRADING CORPORATION, NUTAN CHEMICAL COMPOUND, WALBHAT ROAD, GOREGOAN (E), MUMBAI-400 063, MAHARASHTRA, INDIA

Inventor MR UDAY VIPINCHANDRA SANGHAVI

Application No 397/Bom/97, filed on 3 7 1997

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(3 Claims)

An improved device for measuring fixed dose of solid material and discharge the same comprising an impeller (4) housed in a casing (1) having a flange (2) at one end to fix on to the mouth of the silos, the said flange is connected to the casing through a connecting piece (3) which bears the load cell (7) the other end of the load cell is a suspension frame (8) which suspends the collecting chamber (6) provided with discharge damper (9) operable by a lever, the load cell (7) is connected to a programmable micro processor, the output of which is connected to relays 1 and 2 which are preset to control the motor (18) which drives the impeller (4)

(Complete Specification 9 Pages Drawing Sheets 2)

Ind Cl 11 C 186360

Int Cl A 01 K, 1/00

A DEVICE FOR STORING AND FEEDING POULTRY FEEDS

Applicant MR ELIAS MARSHAL D'COUZA, MR RICHARD MARSHAL D'SOUZA PARTNER OF C & M POULTRY SERVICE C & m HOUSE, N D PATEL ROAD, NASIK 422 001, MAHARASHTRA INDIA

Inventors 1 MR MELIVIN D'SOUZA

Application No 402/Bom/97, filed on 4 7 97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13

(3 Claims)

A device for storing & feeding poultry feeds in a hygienic condition comprising an inverted feed bucket (1) with removeable lid (5) made of plastic material having four fins (2) on the top surface of the bucket hung on the feed rod (4) having variable slotted retaining means for suspending the bucket which terminates in the feeding bowl (6) having a central slope portion (7) provided with feeder grill (8) with plurality of window (9)

(Complete Specification 5 Pages Drawing Sheets 4)

PROCEEDING UNDER SECTION 27

The application for Patent No 183221 (958/cal/95) accepted and same was advertised on 9th October 1999 in Gazette of India, Part III, Section 2 shall proceed for sealing a patent with the amendments in the specification as required provided no appeal is filed against the order

RESTORATION PROCEEDINGS

Notice is hereby given than an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 173872 granted to Indubhai Hemchand Patckh & S K Moulik for an invention relating to manufacturing regenerated Cellulose Fibre by Zinc free Viscose Process

The Patent ceased on the 6 5 2000 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 28 7 2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O Building 5th, 6th and 7th floor, 234/4 Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11 10 2001 under Rule 69 of the Patents Rules 1972 A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice

Notice is hereby given than an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No 180523 granted to Jen Fu Chen, for an invention relating to an improved yarn feeding drum

The Patent ceased on the 13 12 2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III Section 2 dated the 9 6 2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O Building, 5th, 6th and 7th floor, 234/4 Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11 10 2001 under Rule 69 of the Patents Rules 1972 A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case

and the relief he seeks shall be filed with the notice or within two months from the date of the notice

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 181250 granted to CD RADIO INCORPORATED for an invention relating to a uht radio system for broadcasting signals

The Patent ceased on the 27.5.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9.6.2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11.10.2001 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183496 granted to P. K. Somasekharan for an invention relating to a method of making mosquito repellants using cellulose mats impregnated with a composition, wherein the active ingredient is of a bio-organic origin

The Patent ceased on the 4.11.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9.6.2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11.10.2001 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183580 granted to ASEEM CONSUMER PRODUCTS PVT. LTD., for an invention relating to Process For Coating Nuts

The Patent ceased on the 13.12.2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9.6.2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam

Palace, 2nd M S O Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11.10.2001 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183792 granted to Ormat Industries Ltd., for an invention relating to an improved apparatus and method for efficiently combusting low grade solid fuel

The Patent ceased on the 15.4.2001 due to non payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28.7.2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11.10.2001 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183929 granted to Ranboxy Laboratories Limited for an invention relating to process for the preparation of modified release matrix formulation of cefactor/cephalexin

The Patent ceased on the 15.4.2001 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28.7.2001

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 11.10.2001 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within two months from the date of the notice

RENEWAL			FEES			PAID		
181421	181542	181495	180014	180013	180545	171117		
171491	180264	174104	176795	183911	173355	171268		
171666	174053	173534	179669	183026	180661	180021		
179578	176755	171052	181319	181509	179681	171118		
179343	180535	181543	174974	179466	182774	179876		

179573 183914 183128 179417 181858 173315 183020
 184186 184187 184130 184190 184147 184146 184145
 184144 184143 184181 184182 182876 179036 182081
 170787 172501 171663 179295 179467 175793 179668
 181546 179903 173109 180544 179579 180541 175673
 181848 183007 173655 175674 176748 179838 182003
 184264 184263 184257 184255 184253 184251 184206
 184267 184261 184260 173834 173929 176757 182421
 170416 179580 183519 179695 180095 182099 184349
 184325 176754 184337 184358 184340 184342 184335
 184355 184354 184321 184332 184353 184350 179682
 174283 173535 180583 181201 176769 177284 176735
 176768 171501 171711 173065 175818 180600 179834
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 173509 171467 171468 180268 184076 178700 180414
 181210 184389 184388 184387 184386 184383 184382
 184452 184467 183886 184451 180547 181973 180700
 181967 175081 180590 175897 180586 179632 174303
 179165 180587 179158 183685 181974 181361 183515
 184457 184456 184455 184459 184462 184464 184466
 184468 170640 171172 171053 171947 182082 180451
 181849 171383 171431 175379 181966 182877

PATENT SEALED ON 13.7.2001

183770*D 183968*D 185211 185212 185213* 185216
 185217* 185218* 185219 185220 185221* 185225
 185227*D 185229*D 185230*D 185231* 185233 185234*
 185235 185236* 185237 185238 185240 185242* 185243*
 185244 185245 185246* 185248*D 185249*D 185250*D
 185251 185253 185254 185255* 185257 185258 185262
 185263 185265* 185266* 185267 185268 185269 185270*

CAL-08, DEL-16, MUM-13, CHEN-08

*Patent shall be deemed to be endorsed with words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the
 date of sealing

D-Drug Patents

F-Food Patents

REGISTRATION OF DESIGN

The following designs have been registered. They are not
 open to inspection for a period of two years from the date
 of registration except as provided for in Section 50 of the
 Design Act, 1911

The date shown in the each entries is the date registration
 included in the entries

Class 03 No 182623 E I D PARRY (INDIA) LTD, An
 Indian Company, Ceramics Division, Dare
 House, 234, N S C Bose Road, Chennai-
 600001, Tamil Nadu, India "toilet seat cover
 with top cover" 16th June 2000

Class 03 No 182873 HONDA GIKEN KOGYO
 KABUSHIKI KAISHA, A Japanese Company,
 1-1, Minami-Aoyama 2-Chome, Minato-Ku,
 Tokyo, Japan "WINKER FOR A
 MOTORCYCLE", 14th July 2000

Class 03 No 182982 DHIMAN CAST ENGINEERS (P)
 LTD, Street No 15, Dashmesh Nagar, Gill
 Road, Ludhiana, Punjab, India, an Indian
 Company "SEAT RELEASER FOR
 BICYCLE", 24th July 2000

Class 03 No 183163 JASPER ELECTRONICS PVT
 LTD, AN INDIAN FIRM, J-84, (1st Floor),
 Beriwalla Bagh, Hari Nagar, New Delhi-64
 "CAR TWEETER", 8th August 2000

Class 03 No 183228 ROTO PUMPS LTD, 308, Osian
 Building, 12 Nehru Place, New Delhi-110019,
 India, Registered Office at C-6, Pankaj Industrial
 Estate, Kanpur-208022, U P, India "PUMP
 WITH MOTOR", 16th August 2000

Class 03 No's 183445, 183447 & 183448 MODI
 RUBBER LTD, AN INDIAN COMPANY,
 MODI BHAWAN, CIVIL LINES,
 MODINAGAR (DIST GHAZIABAD) U P
 "TYRE", 18th September 2000

Class 03 No 183258 PIAGGIO & C SPA, A Italian
 Company, Viale Rinaldo Piaggio, 25-56025
 Pontedera (Pisa), Italy "TWO-WHEELED
 VEHICLE", 22nd August 2000

Class 05 No 182988 HISAMITSU
 PHARMACEUTICAL CO INC, A Japanese
 Company, 408, Tashiro Daikancho, Tosu, Saga,
 Japan "PACKAGING BOX", 24th July 2000

H D THAKUR
 Controller General of Patents,
 Designs & Trade Marks

